Ephemerides

3

A ROYAL ALMANACK AND METEOROLOGICAL DIARY

For the YEAR of our LORD 1778,

And of the JULIAN Period 6491,
The Second after BISSEXTILE or LEAP-YEAR,
And the Eighteenth Year of the Reign of his Majesty King GEORGE III.

CONTAINING,

The FEASTS and FASTS of the CHURCH of ENGLAND;
The TIMES of the LUNATIONS; The RISING and SETTING of the SUN;
The EQUATION of TIME for the REGULATING of CLOCKS and WATCHES;
The MOON's RISING and SETTING;
The TIMES of HIGH WATER at LONDON-BRIDGE, MORNING and AFTERNOON;
The ASPECTS of the PLANETS and WEATHER;
Also, for every Sixth Day,
The INCREASE and DECREASE of DAYS;
The BEGINNING and END of DAYLIGHT;
The NIGHTLY RISING, SOUTHING, and SETTING of the PLANETS and SEVEN STARS;
Adapted to the MERIDIAN and LATITUDE of LONDON.

LIKEWISE,

An exact METEOROLOGICAL JOURNAL for the preceding YEAR; or the State of the BAROMETER and THERMOMETER, with the Winds, Weather, &c. as they were registered every Day.
Also, The DEPTH of RAIN which fell, and the OBSERVATIONS made every Month.

To which are added,

The ECLIPSES of the SUN and MOON, and other remarkable PHÆNOMENA that will happen this Year;
The MIDDLESEX COMMENCEMENT of the SESSIONS of the PEACE;
A TABLE of the TERMS and their RETURNS;
And for finding the TIMES of HIGH WATER at most of the SEAPORTS in this KINGDOM.

BY HENRY ANDREWS,
TEACHER of the MATHEMATICS, at ROYSTON, HERTS.

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The ALMANACK explained.

THIS ALMANAC contains (beſide the Feaſts and Faſts of the Church of *England*) the Times of the Lunations, according to apparent Time; the Riſing and Setting of the Sun; the Equation of Time for the Regulating of Clocks and Watches; the Riſing and Setting of the Moon; the Times of High-Water at *London* Bridge; Aſpects and Weather: Alſo, for every ſixth Day, the Increaſe and Decreaſe of Days; the Beginning and End of Day-Light; the Riſing, Southing, and Setting, of the Planets; the hightly Riſing, Southing, and Setting, of the Seven Stars. To which are added, the Eclipſes of the Luminaries; the *Middleſex* Commencement of the Seſſions of the Peace; a Table of the Terms and their Returns; and for finding the Times of High-Water at moſt of the Seaports in this Kingdom. Alſo, an exact Meteorological Journal for the preceding Year. The Meteorological Obſervations were extracted from a Journal kept at the Academy, *Waltham Abbey*, *Eſſex*. Latitude 51° 41′ 15″ N. The Thermometer (FARENHEIT's) always expoſed to a Northern Aſpect in the Shade,—a Baſon Bar.—the Pluviameter ſtanding on the Ground.—The Barometrical and Thermometrical Obſervations here given were made at Noon, except thoſe otherwiſe expreſſed in the remarkable Obſervations at the Botom of the Journal each Month.—In the Column *Wind*, V ſtands for variable, C, calm, and the Figures 1, 2, 3, 4, expreſs the eſtimated Force; the Letters alone ſignify a gentle Wind or Breeze, 1 a briſk Wind, 2 a Gale, 3 a hard Gale or Squalls, 4 a very hard Gale or very hard Squalls. The Wind here given was the moſt prevalent of the Day.—In the Column *Weather* the moſt predominant that Day is given, except Rain, Hail, or Snow, which are always expreſſed; but when they were moſt prevalent, in Italics.

EXAMPLE.

January 6th I find to be *Tueſday*; looking forward, it appears that this Day is the *Epiphany*; and, guiding the Eye ſtill forward, I find the Sun riſes at 8, and ſets at 4; and that a good Clock (to be right) muſt be 6 Minutes 31 Seconds before the Sun, or ſo much faſter than a Sun-Dial; Moon's Age 9 Days; Moon ſets, Morn; High-Water at *London* Bridge 23 Min. paſt 7 in the Morning, and at 46 Min. paſt 7 at Night. FARENHEIT's Thermometer ſtood at 33; the Barometer ſtood at 29,4 Inches; the Wind was North, a Gale, and the Weather cloudy. Laſtly, at the Bottom of the Month, I find that upon the 7th Day, Days have increaſed 18 Minutes; and, guiding my Eye ſtill forward, I find the Length of this Day is 8 Hours 2 Min.; Day breaks at 56 Min. paſt 5; Twilight ends 4 Min. paſt 6; Seven Stars South 17 Min. paſt 8 at Night; Mercury ſets 19 Min. paſt 5 at Night; Venus riſes 45 min. paſt 6 Morn.; Mars ſets 16 Min. paſt 7 at Night; Jupiter riſes 23 Min. paſt 7 at Night; Saturn riſes 41 Min. paſt 2 in the Morning.

Of the FOUR QUARTERS of the YEAR 1778.

The Spring Quarter begins on the 20th Day of *March*, at 10 Minutes paſt Twelve at Noon. Apparent Time.
The Summer Quarter begins *June* 21, at 24 Minutes paſt Ten in the Morning.
The Autumnal Quarter begins *September* 22, at 47 Minutes paſt Eleven at Night.
The Winter Quarter begins *December* 21, at 5 Minutes paſt Four in the Evening.

The beautiful Planet VENUS is a Morning Star to the 24th Day of *March*; and after that Time, ſhe becomes an Evening Star; and ſo continues to the Year's End.——JUPITER is a Morning Star to the 10th Day of *February*, and then becomes an Evening Star until the 30th Day of *Auguſt*; and after that Time, a Morning Star again, to the Year's End.

Chronological NOTES for the Year 1778.

Golden Number	12	Number of Direction		29	Eaſter Day	*April*	19
Cycle of the Sun	23	Roman Indiction		11	Whit-Sunday	*June*	7
The Epact	1	Septuageſima Sunday	*Feb.*	15	Trinity Sunday	*June*	14
Dominical Letter	*D*	Shrove Sunday	*March*	1	Advent Sunday	*Nov.*	29

ADVERTISEMENT.

At *Royſton*, *Herts*, Young Gentlemen and others may be commendably boarded with the Author of this Almanack, at reaſonable Rates, and be taught by him as follows, viz. Writing; Arithmetic; Menſuration; Geometry; Trigonometry; Navigation; Aſtronomy; the Uſe of the Globes, &c.

BRITISH MUSEUM

ALMANACK TWO

1778. JANUARY hath XXXI Days.

First Quarter the 6th
Full Moon the 13th
Last Quarter the 20th
New Moon the 28th
} Day at {
half past 8 Morning.
half past 1 Morning.
19 Min. past 1 Afternoon.
46 min. past 2 Afternoon.

Sun enters Aquarius 19th Day, 46 min. past 8 at Night.

Y. D.	M. D.	W. D.	Sundays, Holidays, &c	Sun rises.	Sun sets.	Clock b. Sun	Moon sets.	H.W. Morn.	H.W. Aftern.	Lon.B.	Asp. & weath.
1	1	T	Circumcision	8 4	3 56	4 14″	☽N 34	4 27	4 44		Cold rain
2	2	F		8 4	3 56	4 42	7 46	5 0	5 16		☌ ☉ ♄
3	3	S		8 3	3 57	5 10	9 2	5 31	5 47		or
4	4	D	2 Sun. after Christmas	8 2	3 58	5 38	10 18	6 3	6 20		△ ♃ ♀
5	5	M	Old Christ. day.	8 1	3 59	6 5	11 35	6 40	7 0		wind.
6	6	T	Epiph. Twelfth-day.	8 0	4 0	6 31	Morn	7 23	7 46		
7	7	W		7 59	4 1	6 57	0 54	8 16	8 45		Mode-
8	8	T	Lucian, Pr. and Martyr	7 58	4 2	7 22	2 16	9 18	9 52		rate and
9	9	F		7 57	4 3	7 47	3 38	10 31	11 10		☌ ♃ ♂
10	10	S		7 56	4 4	8 11	4 59	11 50			open
11	11	D	1 Sunday after Epiph.	7 55	4 5	8 36	6 18	0 30	1 9		weather.
12	12	M	Plow M. O. N. Y. da.	7 54	4 6	8 58	7 26	1 48	2 22		
13	13	T	Camb. Ter. beg Hilary	7 53	4 7	9 20	rises.	2 56	3 22		Snow or
14	14	W	Oxford Term begins	7 52	4 8	9 42	☽N 53	3 47	4 12		rain.
15	15	T	Exchequer opens.	7 51	4 9	10 3	7 11	4 37	4 50		□ ♄ ☿
16	16	F		7 50	4 10	10 23	8 25	5 3	5 18		Windy
17	17	S	Old Twelfth-day	7 49	4 11	10 43	9 37	5 33	5 47		and cold
18	18	D	2 Sunday after Epiph.	7 48	4 12	11 1	10 46	6 1	6 16		now a-
19	19	M	Q. Charlotte's b. d. kept	7 46	4 14	11 19	11 54	6 32	6 50		bout.
20	20	T	Fabian B. & M.	7 45	4 15	11 37	Morn	7 9	7 29		✱ ♄ ♀
21	21	W	Agnes V. & M.	7 44	4 16	11 55	1 1	7 50	8 13		Frosty
22	22	T	Vincent.	7 42	4 18	12 12	2 7	8 36	9 4		clear and
23	23	F	Hilary Term. begins.	7 41	4 19	12 27	3 12	9 32	10 3		serene a
24	24	S		7 39	4 21	12 40	4 18	10 35	11 9		few days.
25	25	D	3 Sun. aft. Epiph.	7 37	4 23	12 54	5 20	11 44			
26	26	M	[Conv. of St. Paul	7 36	4 24	13 6	6 16	0 18	0 52		
27	27	T	Pr. Aug. Fred. b. 1773	7 34	4 26	13 18	7 11	1 24	1 56		Wet and
28	28	W		7 32	4 28	13 29	sets.	2 26	2 57		windy,
29	29	T		7 30	4 30	13 41	☽N 24	3 19	3 40		if not
30	30	F	K. Charles I. martyr'd	7 28	4 32	13 50	6 40	4 2	4 23		☌ ☉ ☿
31	31	S	Pheasant shootg. ends	7 27	4 33	13 59	7 57	4 40	4 56		fleet.

D.	Days increas.	Length of Day.	Day breaks.	Twilig ends.	7 Stars south.	Mercu. sets.	Venus rises.	Mars sets.	Jupiter rises.	Saturn rises.
1	0 8	7 52	5 59	6 1	8N 43	4N 51	6M 35	7N 14	7N 53	3M 4
7	0 18	8 2	5 56	6 4	8 17	5 19	6 45	7 16	7 23	2 41
13	0 30	8 14	5 52	6 8	7 51	5 45	6 52	7 17	6 54	2 17
19	0 44	8 28	5 46	6 14	7 26	5 58	6 59	7 18	6 25	1 54
25	1 2	8 46	5 39	6 21	7 0	5 41	6 59	7 20	5 56	1 30

Meteorological Journal OF THE WEATHER FOR JANUARY, 1777.

Thi	Bar.	Wind		Weath.
30	29,7	N		Snow
32	—,8	N		Clear
36	——	——	1	*Snow*
36	—,75	——		Cloudy
32	—,65	——	1	——
33	—,4	——	2	——
26	——	NW		Clear
25	—,8	N	1	——
24	—,55	V		——
34	—,4	C		Cloudy
38	—,2	SSW		——
49	——	S	3	——
—	—,3	SSW	4	——
47	—,45	——	2	Rain
51	—,6	S	3	——
49	—,7	——	1	Cloudy
45	—,9	C		——
47	——	——		——
40	—,8	S	1	Rain
36	—,7	SE	1	Cloudy
39	—,5	NE		——
33	—,4	——	1	——
39	—,6	SW		Rain
43	—,5	NE		*Rain*
38	30,	N		Clear
35	—,1	S	2	——
37	29,6	SSE	1	*Rain*
45	—,5	NNW	2	Cloudy
37	—,6	C		——
34	—,65	N	1	Clear
32	—,9	C		Cloudy

Depth of Rain fell this Month 1,25 Inches.

OBSERVATIONS.

7th, Therm. 13 at 10 P. M.
9th, ------ 7 1-half at 7 A. M.
10th, A very dark foggy Day.
11th, Ditto.
12th, 13th, 14th, 15th, Very windy.

1778 **FEBRUARY hath XXVIII Days.**

First Quarter the 4th
Full Moon the 11th
Last Quarter the 19th
New Moon the 27th
} Day at { 36 min. past 4 afternoon. 46 min. past 2 afternoon. 44 min. past. 10 morning. 47 min. past 4 morning.

Sun enters Pisces 18th Day, 39 min. past 11 Morning.

Y. D.	M D.	W D.	Sundays, Holidays, &c.	Sun rises.	Sun sets.	Clock b. Sun	Moon sets.	H.W. Morn.	H.W. After.	Lon. B	Asp. & weath.
32	1	D	4 Sunday after Epiph.	7 26	4 35	14 7″	9N 10	5 11	5 27		Cold
33	2	M	Purifica. of V. Mary	7 24	4 37	14 12	10 35	5 41	5 55		with
34	3	T	Blaze B. & M.	7 22	4 39	14 18	11 4	6 13	6 32		□ ☉ ☽
35	4	W		7 20	4 40	14 25	Morn.	6 55	7 1		snow.
36	5	T	Agatha V. & M.	7 18	4 42	14 30	1 16	7 46	8 15		♂ ♀ ☿
37	6	F		7 16	4 44	14 33	2 36	8 47	9 19		△ ♄ ♂
38	7	S		7 14	4 46	14 36	3 55	9 59	10 40		or rain.
39	8	D	5 Sunday after Epiph.	7 12	4 48	14 38	5 5	11 21			Frosty &
40	9	M		7 11	4 49	14 40	6 3	0 3	0 43		☌ ☉ ♃
41	10	T	Dies Scholastica at Oxf	7 10	4 51	14 41	6 50	1 22	1 55		more fair
42	11	W		7 8	4 53	14 40	rises.	2 28	2 55		
43	12	T	H. T. ends. Part. shoot	7 7	4 54	14 38	5N 58	3 33	3 43		
44	13	F	Old Cand. Day. [ends	7 5	4 56	14 36	7 11	4 5	4 21		□ ♄ ♀
45	14	S	Valentine B. & M.	7 3	4 58	14 35	8 24	4 37	4 52		Windy with rain
46	15	D	Septuagesima Sund.	7 1	5 0	14 33	9 32	5 6	5 18		or sleet.
47	16	M		6 59	5 2	14 26	10 41	5 30	5 44		
48	17	T		6 57	5 4	14 21	11 49	5 59	6 14		
49	18	W		6 55	5 6	14 17	Morn.	6 30	6 50		☌ ♃ ♀
50	19	T		6 53	5 8	14 10	0 56	7 10	7 33		The
51	20	F		6 51	5 10	14 4	2 2	7 57	8 23		weather
52	21	S		6 49	5 12	13 57	3 6	8 49	9 20		is now
53	22	D	Sexagesima Sunday.	6 47	5 14	13 48	4 6	9 52	10 28		more
54	23	M		6 45	5 16	13 41	4 58	11 5	11 41		tempe-
55	24	T	St, Matthias. Pr. Adol.	6 43	5 18	13 32	5 44		0 17		rate and
56	25	W	[Fred. born.	6 41	5 20	13 22	6 23	0 52	1 28		open.
57	26	T		6 39	5 22	13 11	6 52	1 58	2 29		
58	27	F		6 38	5 23	13 1	sets.	2 54	3 19		Frosty
59	28	S	Hare-hunting goes out	6 36	5 25	12 49	7N 1	3 41	4 3		with
											snow or
											sleet.

D.	Days increas	Length of Day.	Day breaks.	Twilig ends.	7 Stars South.	Mercu. rises.	Venus rises.	Mars sets.	Jupiter rises.	Saturn rises.
1	1 25	9 9	5 30	6 30	6N 32	6M 51	7 M 2	7N 19	5N 18	1M 3
7	1 47	9 31	5 21	6 39	6 7	6 16	6 55	7 23	4 50	0 40
13	2 8	9 52	5 12	6 48	5 43	6 0	6 49	7 27	4 22	0 17
19	2 31	10 15	5 0	7 0	5 20	5 51	6 42	7 31	3 54	11N 54
25	2 55	10 39	4 50	7 10	4 58	5 47	6 35	7 35	3 26	11 31

Meteorological Journal OF THE WEATHER FOR FEBRUARY, 1777.

Thermometer	Bar.	Wind	Weath.
43	29,6	SSW 3	Rain
42	—,3	SW	Clear
41	—,45	NW 2	———
34	—,65	N 2	———
36	—,7	C	Cloudy
39	—,6	———	Snow
33	—,7	S	Clear
32	—,8	C	———
—	———	E 2	Snow
34	———	E	Cloudy
37	———	NE 1	———
38	—,5	——— 2	Snow
36	—,55	——— 1	———
39	—,6	———	Clear
40	—,25	N	Snow
35	—,2	NW	Clear
40	—,1	S 1	Clear
36	———	N	*Snow*
30	—,3	NNW	Snow
40	—,2	E 2	Cloudy
39	—,1	SE	*Rain*
46	28,95	S	Rain
54	29,2	SW 3	Cloudy
—	———	S 3	———
—	—,7	——— 2	———
56	29,7	S 1	Clear
55	—,6	SW	———
51	—,85	C	———

Depth of Rain fell this Month 1,85 Inches.

OBSERVATIONS.

19th, Snowed all Night.—Ther. 7 1-Half at 11 PM

23d, The warmest Day since Dec. 22.

The first Flood this Winter.

1778. **MARCH hath xxxi Days.**

First Quarter the 5th
Full Moon the 13th
Last Quarter the 21st
New Moon the 28th
} Day at {
12 at Night.
5 in the Morning.
A quarter past seven Morning.
4 in the Afternoon.

Sun enters Aries 20th Day, 10 min. past Noon

Y. D.	M D	W D.	Sundays, Holidays, &c.	Sun rises.	Sun sets.	Clock b. Sun	Moon sets.	H. W. Morn.	H. W. Aftern.	Asp. & weath.
60	1	D	Shrove Sunday. David	6 34	5 27	12 37″	8N21	4 20	4 38	
61	2	M	Chad.	6 32	5 29	12 24	9 43	4 54	5 11	
62	3	T	Shrove Tuesday	6 30	5 31	12 11	11 8	5 27	5 43	Windy &
63	4	W	Ash Wednesday	6 28	5 33	11 58	Morn	6 1	6 20	stormy
64	5	T	Prs. of Hesse b. 1722.	6 26	5 35	11 44	0 30	6 43	7 6	☽ ♃ ☿
65	6	F		6 24	5 37	11 30	1 49	7 37	8 9	
66	7	S	Perpetua M.	6 22	5 39	11 16	3 2	8 42	9 16	
67	8	D	1 Sunday in Lent.	6 20	5 41	11 0	4 3	9 56	10 36	
68	9	M		6 18	5 43	10 42	4 51	11 16	11 55	△ ♄ ♀
69	10	T		6 16	5 45	10 27	5 30		0 30	Cold rain
70	11	W	Ember Week.	6 14	5 47	10 11	6 1	1 5	1 34	now a-
71	12	T	Gregory M. B. R.	6 12	5 49	9 56	6 23	2 4	2 32	bout.
72	13	F		6 10	5 51	9 38	rises.	3 0	3 18	
73	14	S		6 8	5 53	9 21	7N20	3 37	3 56	
74	15	D	2 Sunday in Lent.	6 6	5 55	9 2	8 30	4 15	4 29	Mild and
75	16	M		6 4	5 57	8 46	9 39	4 43	4 56	more
76	17	T	St. Patrick.	6 2	5 59	8 28	10 47	5 10	5 23	pleasant
77	18	W	Edw. K. W. Saxons.	6 0	6 1	8 10	11 54	5 36	5 51	for the
78	19	T		5 58	6 3	7 51	Morn	6 6	6 24	season.
79	20	F	Equal day and night.	5 56	6 5	7 34	0 59	6 43	7 5	△ ♃ ♂
80	21	S		5 54	6 7	7 16	2 2	7 28	7 56	Cloudy
81	22	D	3 Sunday in Lent.	5 52	6 9	6 57	2 57	8 25	8 56	and over-
82	23	M		5 50	6 11	6 39	3 45	9 27	10 1	cast for
83	24	T		5 48	6 13	6 19	4 25	10 36	11 13	rain,
84	25	W	Lady Day. Annun. of	5 46	6 15	6 1	4 57	11 50		☌ ☉ ♀
85	26	T	[Virgin Mary.	5 44	6 17	5 42	5 25	0 23	0 56	but not
86	27	F		5 43	6 18	5 25	5 48	1 28	2 1	bad wea-
87	28	S		5 41	6 20	5 5	sets.	2 31	3 0	ther.
88	29	D	Midlent Sunday.	5 39	6 22	4 47	7N31	3 20	3 40	Flying
89	30	M		5 38	6 24	4 28	8 54	4 4	4 29	showers.
90	31	T	Sir I. Newton d. 1727	5 35	6 26	4 11	10 21	4 46	5 2	

D.	Days increas.	Length of Day.	Day breaks.	Twilit. ends.	7 Stars Set.	Mercu. rises.	Venus rises.	Mars sets.	Jupiter South.	Saturn rises.
1	3 9	10 53	4 43	7 17	12N 59	5M45	6M34	7N 37	10N 38	11N 16
7	3 33	11 17	4 30	7 30	12 37	5 48	6 24	7 41	10 13	10 53
13	3 57	11 41	4 17	7 43	12 15	5 43	6 14	7 46	9 48	10 30
19	4 21	12 5	4 4	7 56	11 53	5 40	6 4	7 50	9 24	10 7
25	4 45	12 29	3 50	8 10	11 32	5 36	sets.	7 54	9 1	9 44

Meteorological Journal OF THE WEATHER FOR MARCH, 1777.

h.	Bar.	Wind		Weath.
52	29,7	C		Clear
57	—,5			
55	—,6	SW	1	Clear
57	—,7	V		Cloudy
47	—,5	E	1	
44	—,6	N	2	
42	——	V		Clear
43	—,4	C		
42	—,2	N		Cloudy
38	—,5	NE		Clear
41	—,55	——	1	Cloudy
42	—,5	——		Clear
42	29,5	S	2	*Rain*
45	——	N	1	Cloudy
54	——	S	3	Rain
56	28,85	——	2	
49	29,25	NW	3	Cloudy
58	—,3	SSW	3	
56	—,15	S	4	*Rain*
54	—,25	W	3	Squally
51	—,55	——	2	Clear
52	—,8	——	1	
49	—,9	S		Rain
59	—,7	——	2	Clear
64	—,6	——		
56	—,7	S		
67	—,65	——		
46	—,8	NE	2	Cloudy
—	—,9	E	2	
—	——	SE	2	Hail
45	—,8	——		Cloudy

Depth of Rain fell this Month 1,185 Inches.

OBSERVATIONS.

11th, Therm. 22 at 7 A. M. 13th, Ditto 24 at 6 A. M. Snow at 3 P. M.--17th, Frogs first seen. Th. 71 at 4 P. M.--26th, Gooseberry-bushes in Leaf.---Th. 74 at 2 1-Half P. M.

1778. **APRIL hath XXX Days.**

First Quarter the 4th
Full Moon the 11th
Last Quarter the 19th
New Moon the 27th
} Day at {
50 min. past 7 Morning.
20 min. past 8 at Night.
53 min. past 12 at Night.
1 in the Morning.

Sun enters Taurus 20th Day, 1 min. past 1 Morning.

Y. D.	M D.	W D.	Sundays, Holidays, &c.	Sun rises.	Sun sets.	Clock b. Sun	Moon sets.	H.W. Lon.B. Morn.	H.W. Lon.B. Aftern.	Asp. & weath.
91	1	W		5 33	6 28	3′ 51″	11N45	5 20	5 38	Fine
92	2	T	Camb. latter Act.	5 31	6 30	3 33	Morn	5 57	6 17	spring-
93	3	F	Rich. Bp. Chicheſter.	5 29	6 32	3 15	1 4	6 42	7 7	ing wea-
94	4	S	St. Ambroſe B.	5 27	6 34	2 57	2 9	7 38	8 9	ther.
										△ ♃ ♀
95	5	D	5 Sunday in Lent.	5 25	6 36	2 41	3 2	8 42	9 15	Cold a
96	6	M	[Old Lady Day	5 23	6 38	2 22	3 42	9 51	10 27	few
97	7	T		5 21	6 40	2 5	4 13	11 1	11 36	△ ♃ ☿
98	8	W		5 19	6 42	1 46	4 37		0 8	days.
99	9	T		5 17	6 44	1 30	4 57	0 40	1 10	☌ ☉ ☿
100	10	F	Camb. Term ends.	5 15	6 46	1 12	5 16	1 40	2 4	Miſty
101	11	S	Oxford Term ends.	5 13	6 48	0 56	riſes.	2 28	2 50	morn-
										ings.
102	12	D	6 Sunday in Lent.	5 11	6 50	0 41	7N35	3 13	3 30	Good
103	13	M	[Palm Sun.	5 10	6 51	0 25	8 44	3 48	4 5	weather
104	14	T		5 8	6 53	0 9	9 51	4 23	4 38	for the
105	15	W	Sun & Clocks together	5 6	6 55	aſt. 5	10 59	4 53	5 7	ſpring.
106	16	T		5 4	6 57	0 21	Morn	5 21	5 36	☌ ♀ ☿
107	17	F	Good Friday	5 2	6 59	0 34	0 1	5 52	6 10	Windy
108	18	S		5 0	7 1	0 50	0 59	6 28	6 49	and ſtor-
										my;
109	19	D	Eaſter day. Alphege	4 58	7 3	1 2	1 50	7 10	7 37	☌ ♄ ♂
110	20	M	Eaſter Monday	4 56	7 5	1 17	2 31	8 4	8 33	☌ ♄ ☿
111	21	T	Eaſter Tueſday	4 54	7 7	1 28	3 7	9 2	9 35	Store
112	22	W		4 52	7 9	1 40	3 34	10 8	10 42	□ ♃ ☾
113	23	T	St. George, Martyr	4 51	7 10	1 51	3 58	11 17	11 52	of rain
114	24	F		4 49	7 12	2 4	4 18		0 27	in ſome
115	25	S	St. Mark. Prs. Mary b.	4 47	7 14	2 15	4 39	1 0	1 34	☌ ♄ ☿
										places for
116	26	D	Low Sunday	4 45	7 16	2 25	4 59	2 4	2 34	ſeveral
117	27	M		4 43	7 18	2 34	ſets.	3 1	3 28	daysifnot
118	28	T		4 41	7 20	2 44	9N26	3 52	4 16	thunder.
119	29	W	Oxf. & Camb. T. begin	4 40	7 21	2 52	10 47	4 36	4 57	☌ ♂ ♀
120	30	T		4 38	7 23	3 2	Morn	5 15	5 34	diff. L.
										24′

D.	Days increas.	Length of Day.	Day breaks.	Twilit ends.	7 Stars ſet.	Mercu. riſes.	Venus ſets.	Mars ſets.	Jupiter South.	Saturn riſes.
1	5 11	12 56	3 33	8 27	11 N 6	5M28	6N 33	7N 58	8N 35	9 N14
7	5 35	13 20	3 17	8 43	10 44	ſets.	6 54	8 1	1 12	8 50
13	5 57	13 42	3 2	8 58	10 23	7N 5	7 16	8 5	7 50	8 26
19	6 21	14 6	2 47	9 13	10 0	7 57	7 37	8 8	7 28	8 2
25	6 43	14 28	2 26	9 34	9 37	8 46	7 58	8 11	7 7	7 38

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Th.	Bar.	Wind		Weath.
45	29,85	NE	1	Clear
48	—,9	N	2	Cloudy
52	——	——		——
49	30,	——	1	Clear
52	—, 1	E		——
45	——	NE		——
47	29,9	——		Cloudy
45	30,	E	2	Clear
48	29,9	NE	2	——
56	——	SE	1	——
63	—,8	S	2	Cloudy
57	—,5	——	3	Rain
58	—,65	W	1	Cloudy
51	—,85	N	2	——
——	30,	NE	2	——
——	——	E	2	——
47	29,6	E		Clear
——	—,4	NE	1	Cloudy
46	—,6	——		Clear
54	—,8	S	3	Hazy
56	—,3	——		Rain
61	—,2	SSW	4	Cloudy
63	—,4	S	2	Squally
50	—,5	NW	3	Clear
54	—,8	——	1	——
57	30,	V		——
58	29,9	E	1	Clear
——	—,8	——		Cloudy
62	—,5	——	1	——
60	—,3	SE		Rain

Depth of Rain fell this Month 1,58 Inches.

OBSERVATIONS.

4th, Aurora Borealis.---5th, Th. 28 at 6 A.M.--10th, Butterflies firſt appeared.---11th, Swallows.--18th, Snow at 6 A. M.---19th, Nightingale firſt heard.

1778. **MAY hath xxxi Days.**

First Quarter the 3d
Full Moon the 11th
Last Quarter the 19th
New Moon the 26th
} Day at {
27 min. past 4 Afternoon.
7 min. past Noon.
36 min. past 2 Afternoon.
35 min. past 8 Morning.

Sun enters Gemini 21st Day, 42 min. 1 Morning.

Y. D.	M D.	W D.	Sundays, Holidays, &c.	Sun rises.	Sun sets.	Clock af Sun	Moon sets.	H.W. Morn.	H.W. Aftern.	Lon.B.	Asp. & weath.
121	1	F	St. Phil. & St. James.	4 36	7 25	3′ 9″	0M2	5 54	6 14		Cloudy
122	2	S		4 34	7 27	3 16	1 4	6 38	7 2		☌ ☉ ♄ with cold rain.
123	3	D	2 Sunday after Easter.	4 33	7 28	3 22	1 50	7 32	8 7		
124	4	M		4 31	7 30	3 30	2 23	8 31	9 0		
125	5	T		4 30	7 31	3 35	2 51	9 30	10 0		
126	6	W	Easter Term begins.	4 28	7 33	3 39	3 11	10 31	11 3		
127	7	T		4 26	7 35	3 44	3 29	11 33			More fair
128	8	F		4 25	7 36	3 48	3 45	0 3	0 31		warm &
129	9	S		4 23	7 38	3 53	4 1	1 0	1 27		□ ☉ ♃ pleasant.
130	10	D	3 Sunday after Easter	4 22	7 39	3 57	4 18	1 54	2 17		
131	11	M		4 20	7 41	3 58	rises.	2 40	3 1		
132	12	T	Old May Day.	4 19	7 42	4 0	8 N48	3 22	3 42		
133	13	W		4 17	7 44	4 1	9 57	4 2	4 19		
134	14	T		4 16	7 45	4 2	10 59	4 37	4 52		Fine
135	15	F		4 14	7 47	4 2	11 53	5 7	5 22		gales of
136	16	S		4 12	7 48	4 1	Morn.	5 38	5 54		wind, & good
137	17	D	4 Sunday after Easter	4 11	7 50	4 0	0 34	6 11	6 31		May wea
138	18	M	Westminst. Election.	4 10	7 51	3 58	1 11	6 51	7 13		ther.
139	19	T	Q. Charlotte bo. 1744	4 8	7 52	3 56	1 39	7 36	8 3		
140	20	W	[Dunst.	4 6	7 54	3 53	2 3	8 30	9 0		
141	21	T		4 5	7 55	3 49	2 24	9 30	10 2		☌ ☿ ♀
142	22	F	Prs. Eliz. born 1770	4 3	7 57	3 45	2 44	10 35	11 11		diff L 2′
143	23	S	NoN. but twil. till July	4 2	7 58	3 41	3 3	11 47			Cold a
144	24	D	Rogation Sunday	4 1	7 59	3 36	3 22	0 21	0 56		few days.
145	25	M		4 0	8 0	3 30	3 45	1 30	2 5		✶ ♃ ♀
146	26	T	Auguſt 1st Abp. Cant	3 59	8 1	3 24	sets.	2 37	3 9		Fine plea
147	27	W	Vener. Bede	3 58	8 2	3 17	9N 46	3 36	4 3		sant and
148	28	T	Aſcenſion-d. Holy Th.	3 57	8 3	3 10	10 52	4 25	4 48		warm
149	29	F	K. Cha. II. Reſtoration	3 56	8 4	3 2	11 45	5 7	5 27		now a-
150	30	S		3 55	8 5	2 54	Morn.	5 46	6 5		bout.
151	31	D	Sun. aſt. aſcen. day.	3 54	8 6	2 46	0 25	6 26	6 48		

D.	Days increaſ.	Length of Day.	Day breaks.	Twilit. ends.	7 Stars ſets.	Mercu. ſets.	Venus ſets.	Mars ſets.	Jupiter ſets.	Saturn South.
1	7 5	14 50	2 6	9 57	9N 14	9N 27	8N 18	8N 14	2M 17	12N 5
7	7 25	15 10	1 44	10 19	8 51	9 49	8 36	8 14	1 55	11 40
13	7 43	15 28	1 19	10 45	8 28	9 51	8 53	8 15	1 32	11 15
19	8 1	15 44	1 48	11 20	rise.	9 32	9 11	8 15	1 10	10 49
25	8 16	16 0	No N.	All Tw.	3 M 9	8 53	9 29	8 16	0 47	10 24

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d	Bar.	Wind	Weath.
70	29, 25	S	Cloudy
62	—, 1	—— 1	Rain
——	——	—— 3	——
64	—, 2	V	——
60	—, 5	——	Clear
65	——	S 2	Rain
62	—, 6	W	Clear
—	—, 9	S	——
67	29, 7	E	Cloudy
57	—, 8	N	Clear
62	——	——	Cloudy
52	——	E 1	Hail
63	—, 6	S 3	Cloudy
58	—, 3	W	Show.
57	—, 1	C	*Rain*
54	—, 2	——	Rain
57	—, 4	N	Cloudy
58	—, 5	NNW	Clear
——	——	C	Cloudy
57	—, 45	——	Rain
59	—, 6	NW	Cloudy
65	——	S	Rain
72	——	——	Cloudy
66	—, 3	NW	——
65	——	C	——
67	—, 6	N	——
66	—, 7	S	Clear
69	—, 8	N	——
63	30,	NE	——
70	29, 8	SE	——
69	——	E	——

Depth of Rain fell this Month 3,695 Inches.

OBSERVATIONS.

10th, Rained very hard in the Night.---15, Thunder to the Southward. Rained very hard at 4 P. M.---Thunder to the Westward at 6 P. M.---26, Thun. to the Southw. at Noon.

1778. **JUNE hath XXX Days.**

First Quarter the 2d
Full Moon the 10th
Last Quarter the 17th
New Moon the 24th
} Day at {
35 min. past 2 Morning
50 min. past 3 Morning
24 min. past Midnight
36 min. past 3 Afternoon

Sun enters Cancer 21st Day, 24 min. past 10 in the Morning.

Y. D.	M D.	W D.	Sundays, Holidays, &c.	Sun rises.	Sun sets.	Clock af Sun	Moon sets.	H.W. Morn.	H.W. Aftern.	Lon. B.	Asp. & weath.
152	1	M	Easter Term ends	3 53	8 7	2′ 37″	0 M55	7 10	7 33		☌ ☉ ☿
153	2	T	[Nicom.	3 52	8 8	2 28	1 17	7 58	8 24		☌ ♂ ☿
154	3	W	Camb Term divides	3 51	8 9	2 19	1 35	8 50	9 16		☌ ☉ ♂
155	4	T	K. Geo. III. bo. 1738	3 50	8 10	2 9	1 52	9 44	10 13		Hot with
156	5	F	Pr. Ern. Aug. b. 1771	3 50	8 10	2 0	2 7	10 43	11 12		thunder
157	6	S	[Bonif.	3 49	8 11	1 49	2 23	11 38			showers in some
158	7	D	Whit-Sunday	3 48	8 12	1 37	2 39	0 5	0 35		places.
159	8	M	Whit-Monday	3 48	8 12	1 26	3 1	1 5	1 32		
160	9	T	Whit-Tuesday	3 47	8 13	1 15	3 24	1 59	2 24		
161	10	W	Prs. Amelia born 1711	3 47	8 13	1 4	rises.	2 50	3 13		△ ♄ ♀
162	11	T	St. Barnabas	3 47	8 13	0 52	9 N43	3 36	3 56		Windy,
163	12	F		3 46	8 14	0 40	10 30	4 16	4 33		but very
164	13	S		3 46	8 [illegible]	29	11 9	4 50	5 5		pleasant
165	14	D	Trinity-Sunday	3 45	8 15	0 [illegible]	41	5 21	5 36		✶ ☉ ♃
166	15	M	Clo. and Sun together	3 45	8 15	0 3[illegible]		52	6 9		weather.
167	16	T		3 44	8 16	bef. 9	0 5		6 47		
168	17	W	Oxf. Ter. be. St. Alb.	3 44	8 16	0 21	0 26	7 [illegible]	[illegible]		Hot and
169	18	T	Corpus Christi	3 43	8 17	0 34	0 45	7 54	8 [illegible]		☌ ♃ ♂
170	19	F	Trinity Term begins	3 43	8 17	0 46	1 3	8 48	9 19		
171	20	S	Tr. Edw. K. of W. Sax.	3 45	8 17	1 0	1 22	9 50	10 26		
172	21	D	1 Sund. after Trinity	3 43	8 17	1 12	1 42	11 2	11 39		
173	22	M	[Longest Day 16 34	3 43	8 17	1 26	2 6		0 17		Showery
174	23	T		3 43	8 17	1 38	2 38	0 56	1 36		with fly-
175	24	W	St. John Baptist, Sun	3 43	8 17	1 52	sets.	2 12	2 49		ing
176	25	T	St J. C Elec. [ecl. vis.	3 44	8 16	2 5	9 N28	3 18	3 47		clouds
177	26	F		3 44	8 16	2 18	10 14	4 11	4 36		
178	27	S		3 44	8 16	2 30	10 49	4 54	5 12		Gloomy
179	28	D	2 Sund. after Trinity	3 45	8 15	2 43	11 13	5 29	5 46		weather
180	29	M	St. Pet. & Paul	3 45	8 15	2 54	11 36	6 2	6 19		a few
181	30	T	Exeter Col. Election	3 46	8 14	3 6	11 54	6 38	6 57		△ ☉ ♄
											days.

D.	Days increas.	Length of Day.	Day breaks.	Twilit. ends.	7 Stars rise.	Mercu. rises.	Venus sets.	Mars rises.	Jupiter sets.	Saturn South.
1	8 30	16 14	All	All	2M40	4M14	9 N42	3M53	12N 21	9 N54
7	8 40	16 24	Twi-	Twi-	2 16	3 51	9 44	3 43	11 58	9 28
13	8 44	16 28	light.	light.	1 52	3 25	9 47	3 33	11 35	9 2
19	8 50	16 34			1 27	3 2	9 49	3 23	11 12	8 36
25	decr. 2	16 32			1 2	2 43	9 52	3 13	10 49	8 11

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Th.	Bar.	Wind		Weath.
76	29,7	S		Cloudy
77	—,8	——		——
79	—,9	——		——
75	—,8	C		Hazy
61	—,9	N	2	Clear
69	30,1	C		Cloudy
66	29,9	——		Clear
64	—,7	NE		Cloudy
63	—,65	E		——
66	——	S		——
57	—,5	SE		Rain
66	——	N		Clear
68	—,45	S		*Show.*
67	—,5	W		——
64	—,55	S		Rain
68	29,55	S		Rain
66	—,5	W		——
67	—,85	——		Clear
——	—,8	S	2	Cloudy
70	—,4	V		——
——	—,45	C		Rain
67	——	S		*Rain*
59	—,6	V		——
55	—,8	NE		Rain
71	30,	S		Clear
75	29,75	——		Cloudy
65	—,5	NW	1	Clear
67	—,8	W		——
74	—,55	S	1	——
66	—,5	W	1	——

Depth of Rain fell this Month 4,66 Inches.

OBSERVATIONS.

3d, Therm. 84 at 3 P. M.---9, Strawberries ripe.---10, Peas in Market.---12, Mulberry-tree in Leaf.---20, Thunder N.W. at 4 P. M.---22, Rained very hard at 5 P. M.---23, Hail, &c.

1778 JULY hath xxxi Days

First Quarter the 1st
Full Moon the 9th
Last Quarter the 17th
New Moon the 23d
First Quarter the 31st
} Day at {
49 min. past 2 Afternoon.
44 min. past 6 Afternoon.
43 min. past 7 Morning.
7 min past 11 at Night.
40 min. past 5 in Morning.

Sun enters Leo 22d Day, 6 min. past 9 in the Evening.

Y. D.	M. D.	W. D.	Sundays, Holidays, &c.	Sun rises.	Sun sets.	Clock b. Sun	Moon sets.	H. W. Morn.	H. W. Aftern.	Lon. B.	Aſp.	Weath.
182	1	W		3 46	8 14	3′ 19″	Morn.	7 17	7 37			Fine plea
183	2	T	Viſitation B. V. Mary	3 46	8 14	3 30	0 9	8 0	8 24			ſant wea-
184	3	F	Dies Comitiorum	3 47	8 13	3 41	0 25	8 49	9 14		□ ♄ ♀	ther, now
185	4	S		3 48	8 12	3 51	0 42	9 42	10 10			ſhowers
186	5	D	3 Sunday after Trin.	3 48	8 12	4 2	1 2	10 39	11 9			of rain
187	6	M	[Old Midſum day.	3 48	8 12	4 12	1 23	11 42				muſt be
188	7	T	Ca. Com. T. à Beck.	3 50	8 10	4 21	1 49	0 15	0 46			expected
189	8	W	Trinity Term ends.	3 50	8 10	4 31	2 25	1 18	1 47			
190	9	T		3 51	8 9	4 41	riſes.	2 17	2 43			
191	10	F	Cambr. Term ends	3 52	8 8	4 50	9 N 5	3 10	3 32			
192	11	S		3 53	8 7	4 58	9 37	3 55	4 13			Fair and
193	12	D	4 Sund. after Trinity	3 54	8 6	5 5	10 4	4 31	4 47		△ ♄ ♂	hot.
194	13	M	Oxford Act	3 55	8 5	5 14	10 26	5 3	5 15			Perhaps
195	14	T		3 56	8 4	5 20	10 46	5 28	5 44		♂ ♂ ☿	
196	15	W	Swithin, Bp. Winch.	3 57	8 3	5 27	11 4	6 1	6 18			thunder
197	16	T		3 58	8 2	5 33	11 22	6 36	6 57			ſhowers
198	17	F		3 59	8 1	5 38	11 42	7 19	7 46			now abt.
199	18	S	Oxford Term ends	4 0	8 0	5 42	Morn.	8 13	8 43			
200	19	D	5 Sund. after Trinity	4 1	7 59	5 46	0 4	9 14	9 52			Goodhay
201	20	M		4 3	7 57	5 50	0 31	10 30	11 11		♂ ♃ ♀	
202	21	T	Dog-days begin	4 4	7 56	5 53	1 8	11 53				weather.
203	22	W	Magdalen	4 5	7 55	5 56	1 57	0 35	1 17			
204	23	T		4 7	7 53	5 58	ſets.	1 53	2 30		♂ ☉ ♀	
205	24	F	Mag College Election	4 8	7 52	6 0	8 N 40	3 0	3 31			Cooling
206	25	S	St. James	4 10	7 50	6 1	9 11	3 54	4 17			gales of
207	26	D	6 Sund. after Trinity	4 11	7 49	6 2	9 16	4 34	4 52			wind,
208	27	M	[St. Anne,	4 13	7 47	6 1	9 55	5 7	5 23			with fly-
209	28	T		4 14	7 46	6 1	10 11	5 37	5 51			ing ſhwrs
210	29	W		4 15	7 45	6 0	10 27	6 6	6 21			in ſome
211	30	T		4 17	7 43	5 58	10 44	6 39	6 57			places.
212	31	F		4 18	7 42	5 56	11 2	7 17	7 37			

D.	Days decreaſ.	Length of Day.	Day breaks.	Twilit. ends.	7 Stars riſe.	Mercu. riſes.	Venus ſets.	Mars riſes.	Jupiter ſets.	Saturn ſets.
1	0 6	16 28	No real	No real	12 N 30	2 M 41	9 N 47	3 M 5	10 N 28	12 N 46
7	0 12	16 22	Night.	Night.	12 6	2 34	9 38	3 0	10 6	12 22
13	0 24	16 10			11 45	2 49	9 29	2 55	9 43	11 57
19	0 36	15 58			11 21	3 22	9 19	2 50	9 21	11 33
25	0 54	15 40	0 45	11 7	10 57	4 6	9 10	2 45	8 58	11 8

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1 this	Bar.	Wind.		Weath.
73	29,4	SE	1	*Rain*
71	——	W		Clear
70	——	S	1	Rain
66	—,3	——		Clear
63	——	SW	1	Rain
67	—,65	NW	1	Cloudy
59	——	W	1	Rain
62	—,55	NE		Cloudy
63	—,9	N	1	——
62	30, 1	——		——
75	——	V		Clear
79	—,05	——		Cloudy
72	—,1	N	1	Clear
75	——	W	1	——
77	30,	N	1	——
83	29,9	V		——
75	—,7	SW	1	——
77	—,6	V		——
74	—,55	SW	1	*Rain*
71	—,4	N	1	Clear
67	—,3	E	1	Rain
74	—,6	——		Clear
79	—,4	S	1	Cloudy
76	29,3	S		Cloudy
66	—,5	N	1	*Rain*
59	—,65	——		——
71	—,6	W	1	Clear
67	——	SSW		*Rain*
70	—,35	S	1	Clear
72	—,25	SE	2	*Showr.*
69	—,2	SW	3	Rain

Depth of Rain fell this Month 4,785 Inches.

OBSERVATIONS.

1ſt, Thund. and much rain. 4, Rained hard in the Night. 15, Th. 83 at 3 P. M.---20, Grapes juſt in Bloom.---24, A great Fog. Thund.---31, Blew very hard in the Night.

1778. **AUGUST hath xxxi Days.**

Full Moon the 8th
Last Quarter the 15th
New Moon the 22d
First Quarter the 29th
} Day at {
24 min. past 8 Morning.
half an hour past 1 Afternoon.
4 min. past 8 Morning.
a quarter past 11 at Night.

Sun enters Virgo 23d Day, 28 min. past 3 in the Morning.

Y. D.	M D.	W D.	Sundays, Holidays, &c.	Sun rises.	Sun sets.	Clock b. Sun	Moon sets.	H.W. Morn.	H.W. Aftern.	Lon.B.	Asp. & weath.
213	1	S	Lammas Day	4 20	7 40	5 51″	11N33	8 1	8 26		□ ☉ ♄
214	2	D	7 Sunday after Trin.	4 21	7 39	5 48	Morn	8 53	9 21		Cool and
215	3	M		4 23	7 37	5 43	0 5	9 53	10 26		cloudy
216	4	T		4 24	7 36	5 37	0 22	11 0	11 34		with som
217	5	W		4 25	7 34	5 31	1 3		0 8		showers.
218	6	T	Transfiguration	4 27	7 42	5 26	1 52	0 43	1 15		
219	7	F	Name of Jesus	4 28	7 31	5 18	2 53	1 48	2 16		
220	8	S		4 30	7 29	5 10	rises.	2 45	3 8		
221	9	D	8 Sunday after Trin.	4 31	7 28	5 3	8N31	3 31	3 51		Windy,
222	10	M	St. Lawrence.	4 33	7 26	4 54	8 53	4 12	4 28		but
223	11	T	Prs. Brunf. born 1737.	4 35	7 24	4 45	9 9	4 45	5 0		♂ 24 ☿
224	12	W	Pr. of Wales born 1762	4 36	7 23	4 35	9 28	5 15	5 30		not bad
225	13	T		4 38	7 21	4 25	9 48	5 44	6 1		weather
226	14	F		4 40	7 19	4 15	10 8	6 18	6 38		for the
227	15	S	Assumpt. B. V. M.	4 42	7 17	4 3	10 34	6 59	7 26		harvest
228	16	D	9 Sunday after Trin.	4 44	7 15	3 52	11 6	7 53	8 26		* ♂ ♄
229	17	M	Bp. of Osnaburg. b. 1763	4 45	7 14	3 39	11 48	9 0	9 40		Hot and
230	18	T		4 47	7 12	3 27	Morn	10 20	11 2		* ♂ ♀
231	19	W		4 49	7 10	3 14	0 45	11 44			sultry a
232	20	T		4 51	7 8	3 0	1 53	0 24	1 5		few days.
233	21	F	Pr. Wm. Hen. b. 1765	4 53	7 6	2 45	3 11	1 41	2 16		
234	22	S		4 54	7 5	2 30	sets.	2 45	3 13		Cloudy &
235	23	D	10 Sunday after Trin.	4 56	7 3	2 14	8 No	3 37	4 0		overcast.
236	24	M	St. Bartholomew.	4 58	7 1	2 0	8 18	4 17	4 33		
237	25	T		5 0	6 59	1 45	8 35	4 48	5 3		Hot with
238	26	W		5 2	6 57	1 29	8 53	5 16	5 29		thunder
239	27	T		5 4	6 55	1 12	9 11	5 43	5 56		□ ♄ ♂
240	28	F	St. Auguſtine.	5 6	6 53	0 54	9 30	6 7	6 28		showers
241	29	S	Dec. of S. J. Bapt.	5 8	6 51	0 36	9 53	6 47	7 6		♂ ☉ 24
242	30	D	11 Sunday after Trin.	5 10	6 49	0 18	10 24	7 30	7 55		at the
243	31	M	Clock with the Sun.	5 12	6 47	0 0	11 1	8 22	8 50		end.

D.	Days decreas.	Length of Day.	Day breaks.	Twilit. ends.	7 Stars South.	Mercu. sets	Venus sets.	Mars rises.	Jupiter sets.	Saturn sets.
1	1 14	15 20	1 23	10 34	6M48	8N11	8N56	2M42	8N33	10N42
7	1 31	15 3	1 47	10 13	6 25	8 7	8 44	2 40	8 13	10 20
13	1 51	14 43	2 9	9 51	6 2	8 0	8 31	2 39	7 52	9 58
19	2 13	14 21	2 29	9 31	5 39	7 49	8 19	2 37	7 32	9 36
25	2 35	13 59	2 47	9 13	5 17	7 36	8 6	2 35	7 12	9 14

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Th.	Bar.	Wind	Weath.
68	29, 35	WSW	Clear
64	—, 65	NW	Cloudy
67	—, 9	NNW	Clear
66	———	SSW 1	———
68	—, 7	SW 1	Cloudy
70	———	W 1	———
72	———	SSW	Clear
84	—, 6	———	———
76	—, 45	S	Cloudy
73	—, 7	SSW	Clear
—	———	———	———
81	———	V	Cloudy
80	—, 9	C	———
72	30,	NW	Clear
78	29, 95	V	———
79	—, 8	WNW	———
70	———	NE	———
73	—, 85	NNE	Cloudy
82	—, 8	SSE 1	Clear
75	———	V	———
69	—, 5	S 3	Rain
70	—, 6	NNW 1	Hail
71	—, 8	W	Cloudy
72	29, 7	S 1	Clear
80	———	SW 2	Rain
75	30,	SE	———
69	—, 1	E	Clear
73	29, 8	SSE	———
70	—, 7	NNW	———
65	—, 5	V	Rain
63	—, 45	NNW 2	Rain

Depth of Rain fell this Month 1,17 Inches.

OBSERVATIONS.

8, Therm. 86 at 2 P. M. 14, Harveſt begun, Hay-making not finiſhed. 24, A Fog. 27, Aurora Borealis. 31, Blew very hard in the Night.

1778. **SEPTEMBER** hath XXX Days.

Full Moon the 6th, Last Quarter the 13th, New Moon the 20th, First Quarter the 28th } Day at { 42 min past 8 at Night. at 7 in the Evening. a quarter past 7 in the Evening. 32 min. past 6 in the Evening.

Sun enters Libra 22d Day, 46 min. past 11 at Night.

Y. D.	M D.	W D.	Sundays, Holidays, &c.	Sun rises.	Sun sets.	Clock af Sun	Moon sets.	H.W. Morn.	H.W. Aftern.	Lon.B.	Asp. & weath.
244	1	T	Giles. Dog-days end	5 14	6 45	0 18″	11 N47	9 22	9 55		Tempe-
245	2	W	London b. 1666. O. S.	5 15	6 44	0 38	Morn	10 30	11 5		rate
246	3	T		5 17	6 42	0 57	0 45	11 39			☌ ☉ ♄
247	4	F		5 19	6 40	1 16	1 51	0 14	0 48		and plea-
248	5	S		5 21	6 38	1 35	3 0	1 22	1 52		sant wea-
249	6	D	12 Sunday after Trin.	5 23	6 36	1 55	rises.	2 22	2 47		ther.
250	7	M		5 24	6 35	2 14	7 N22	3 13	3 35		
251	8	T	Nativ. B. V. Mary	5 27	6 32	2 35	7 42	3 58	4 14		
252	9	W		5 29	6 30	2 56	8 0	4 30	4 46		
253	10	T		5 31	6 28	3 16	8 21	5 3	5 18		
254	11	F		5 33	6 26	3 37	8 44	5 34	5 51		Wind &
255	12	S		5 35	6 24	3 57	9 15	6 9	6 31		some
256	13	D	13 Sun. after Trin.	5 37	6 22	4 18	9 52	6 53	7 23		showers.
257	14	M	Holy Cross Day	5 39	6 20	4 40	10 44	7 53	8 27		
258	15	T		5 41	6 18	5 0	11 47	9 2	9 41		Cloudy
259	16	W	Ember Week	5 43	6 16	5 21	Morn	10 21	11 2		and over-
260	17	T	Lambert, B. & M.	5 44	6 14	5 40	1 2	11 43			cast for
261	18	F		5 47	6 12	6 3	2 21	0 19	0 56		rain.
262	19	S		5 49	6 10	6 22	3 41	1 27	1 58		
263	20	D	14 Sun. after Trin.	5 51	6 8	6 44	sets	2 26	2 53		✱ 24 ♀
264	21	M	St. Matthew	5 53	6 7	5 6	6 N49	3 15	3 36		♂ ♄ ♀
265	22	T	K. Geo. III. crown. 1761	5 55	6 4	7 26	7 5	3 54	4 12		✱ ♄ 24
266	23	W	Equal Day and Night	5 57	6 2	7 47	7 22	4 28	4 43		Windy &
267	24	T		5 59	6 0	8 7	7 42	4 56	5 9		stormy
268	25	F		6 1	5 58	8 27	8 5	5 24	5 40		weather.
269	26	S	S. Cyprian, B. & M.	6 3	5 56	8 48	8 31	5 54	6 9		
270	27	D	15 Sunday aft. Trin.	6 5	5 54	9 8	9 5	6 27	6 45		
271	28	M	Sheriffs of Lond. sworn	6 7	5 52	9 28	9 48	7 9	7 33		Cold
272	29	T	S. Mic. Prs. C. A. b. 1766	6 9	5 50	9 47	10 40	8 1	8 29		morn-
273	30	W	St. Jerome. Hare-hunt.	6 11	5 48	10 6	11 42	8 59	9 30		ings, but
			[comes in.								pleasant
											days.

D.	Days decreas.	Length of Days	Day breaks.	Twilig. ends.	7 Stars South.	Mercu. sets	Venus sets.	Mars rises.	Jupiter rises.	Saturn Sets.
1	3 3	13 30	3 7	8 53	4M 52	7 N 18	7 N 51	2M 36	5M 6	8A 49
7	3 25	13 10	3 24	8 36	4 30	7 2	7 41	2 36	4 52	8 29
13	3 49	12 44	3 37	8 23	4 8	6 43	7 30	2 37	4 38	8 8
19	4 13	12 20	3 52	8 8	3 46	6 21	7 20	2 37	4 24	7 48
25	4 37	11 56	4 5	7 53	3 24	5 57	7 9	2 38	4 10	7 27

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Tim	Bar.	Wind	Weath.
62	29,85	SSW	Clear
68	—,55	W 1	Cloudy
60	—,6	NNW 2	Clear
65	—,75	V	Rain
70	—,9	N 1	Cloudy
74	———	NW	———
—	30,	C	Clear
77	29,9	W	Cloudy
71	29,9	S	Clear
66	30,	N	———
—	———	V	———
74	———	N	———
68	———	———	———
63	———	NNE	———
61	—,1	———	———
59	30,	NNW	———
64	29,9	C	———
72	———	———	———
66	—,8	———	———
60	—,9	NE	———
61	—,6	SSE	———
59	—,5	N 2	———
56	—,75	C	———
62	—,7	S 2	———
65	—,6	———	———
72	—,5	———	———
74	—,7	C	Cloudy
—	—,75	V	Clear
70	—,7	C	Rain
68	—,8	———	Clear

Depth of Rain fell this Month 0,43 Inches.

OBSERVATIONS.

14, An Earthquake in Lancashire and Yorkshire. Harvest finished. 16, White Frost. Therm. 33 1-half at 5 A. M. Ice. 17, A remarkable Dampness in the Paths in the Day.

1778. OCTOBER hath xxxi Days.

Full Moon the 6th
Last Quarter the 13th
New Moon the 20th
First Quarter the 28th
} Day at { 8 in the Morning. 48 min. past 1 Morning. half an hour past 9 Morn. 2 in the Afternoon.

Sun enters Scorpio 23d Day. 37 min. past 7 Morning.

Y. D.	M D.	W D.	Sundays, Holidays, &c	Sun rises.	Sun sets.	Clock at Sun	Moon sets.	H.W. Lon. B Morn.	H.W. Lon. B Aftern.	Asp. & weath.
274	1	T	Remigius Bp. [Pheasant Shooting begins]	6 12	5 47	10'24"	Morn	10 5	10 40	☌ ☉ ☿
275	2	F		6 14	5 45	10 44	0 51	11 14	11 48	Cold with
276	3	S		6 16	5 43	11 1	2 6		0 21	some wet.
277	4	D	16 Sunday after Trin.	6 18	5 41	11 20	3 23	0 54	1 26	
278	5	M		6 20	5 39	11 28	4 42	1 58	2 24	
279	6	T	Faith V. & M.	6 22	5 37	11 55	rises.	2 50	3 13	
280	7	W		6 24	5 35	12 12	6N32	3 36	3 57	
281	8	T		6 26	5 33	12 28	6 56	4 17	4 36	Fine
282	9	F	St. Denys B. & M.	6 28	5 31	12 44	7 24	4 55	5 12	weather for the
283	10	S	Oxf. & Camb. Termbeg	6 32	5 29	13 0	8 0	5 29	5 48	autumn.
284	11	D	17 Sunday after Trin.	6 33	5 27	13 16	8 47	6 8	6 32	
285	12	M		6 34	5 25	13 31	9 47	6 57	7 27	
286	13	T	Transf. of K. Edw. Conf.	6 36	5 23	13 44	10 58	7 58	8 31	
287	14	W		6 38	5 21	13 58	Morn.	9 4	9 41	
288	15	T		6 40	5 19	14 11	0 14	10 18	10 53	Windy
289	16	F		6 42	5 17	14 24	1 33	11 28		and quite
290	17	S	Etheldred	6 44	5 15	14 35	2 51	0 1	0 24	cold.
291	18	D	18 Sunday after Trin.	6 46	5 13	14 46	4 7	1 3	1 32	
292	19	M	[St. Luke	6 47	5 12	14 56	5 22	1 58	2 24	Wet and
293	20	T		6 49	5 10	15 6	sets.	2 46	3 9	☐ ♂ ♀
294	21	W		6 51	5 8	15 16	5N52	3 29	3 49	stormy a
295	22	T		6 53	5 6	15 25	6 12	4 6	4 23	few days.
296	23	F		6 55	5 4	15 33	6 37	4 29	4 55	
297	24	S		6 57	5 2	15 40	7 8	5 8	5 22	Cloudy
298	25	D	19 S. af. T. [G. III. Acc	6 59	5 0	15 48	7 47	5 37	5 53	☐ ♃ ♀
299	26	M	G. III. pr. 1760. [Crisp	7 1	4 58	15 53	8 35	6 11	6 29	and cold,
300	27	T		7 3	4 56	15 58	9 32	6 50	7 12	✱ ♄ ♂
301	28	W		7 5	4 54	16 2	10 36	7 39	8 6	with
302	29	T	St. Simon & St. Jude	7 7	4 52	16 7	11 47	8 33	9 0	showers.
303	30	F		7 9	4 50	16 9	Morn.	9 32	10 4	✱ ♀ ☿
304	31	S		7 11	4 48	16 11	1 1	10 36	11 8	Pleasant days.

D.	Days decreas.	Length of Day.	Day breaks.	Twilig. ends.	7 Stars South.	Mercu. rises.	Venus sets.	Mars rises.	Jupiter rises.	Saturn sets.
1	4 59	11 34	4 18	7 42	3M 5	6M 19	6N59	2M36	3M54	7 N 6
7	5 23	11 10	4 31	7 29	2 43	5 23	6 55	2 35	3 39	6 45
13	5 47	10 46	4 43	7 17	2 20	4 56	6 51	2 34	3 23	6 25
19	6 9	10 24	4 55	7 5	1 57	5 2	6 47	2 33	3 7	6 4
25	6 31	10 0	5 6	6 54	1 34	5 24	6 43	2 31	2 51	5 43

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Th.	Bar.	Wind	Weath.
64	29,7	NE 1	Cloudy
68	—,8		
64	—,95	C	
61	—,8		
58	—,55		
53	——	N 1	Clear
60	—,4	W	Rain
57	—,55	SW 2	
—	30,	WNW 1	Cloudy
69	29,9	NNW 1	
63	——		
62	30,1	C	
58	30,	W 1	Cloudy
56	29,9	SW	
62	—,85	S	
61	—,65	S 2	
62	—,6	1	Rain
54	—,95		Clear
63	—,6	2	Cloudy
60	——	1	*Rain*
54	—,8	C	Fog
63	—,75	SSE 1	Rain
58	—,85	V	Cloudy
57	—,9	NNE 2	Rain
55	—,7	E 1	Cloudy
51	—,6	NE	
52	—,7	N 1	
54	—,8	C	Clear
51	——	S 1	Rain
56	——		Clear
51	—,6	C	Cloudy

Depth of Rain fell this Month 0,68 Inches.

OBSERVATIONS.

7th, First Frost. Th. 31 at 6 A. M. 10, Swallows gone. 13, Lightning at 7 P. M.---- 27, A remarkable large Meteor at Midnight. 28, Th. 30 at 7 P. M.

Full Moon the 4th
Last Quarter the 11th
New Moon the 19th
First Quarter the 27th
} Day at { 46 min. past 6 at Night
24 min. past 10 Morning.
45 min. past 2 Morning.
53 min. past 7 Morning.

Sun enters Sagittarius 22d Day, 45 min. past 3 Morning.

Y. D.	M D.	W D.	Sundays, Holidays, &c.	Sun rises.	Sun sets.	Clock af. Sun	Moon sets	H.W. Lon. B. Morn.	H.W. Lon. B. Aftern.	Asp. & weath.
305	1	D	20 Su. af. Tr. All Saints	7 12	4 47	16 12"	2 M 18	11 40		☌ 24 ♂
306	2	M	Pr. Edw. born, 1767.	7 14	4 45	16 12	3 37	0 13	0 45	Windy,
307	3	T	All Souls Col. elect.	7 16	4 43	16 12	4 59	1 18	1 48	but temperate
308	4	W		7 18	4 41	16 11	rises.	2 18	2 45	weather.
309	5	T	PowderPlot, 1605. O.S	7 20	4 39	16 9	5 N 25	3 13	3 39	
310	6	F	Mich. Term begins	7 21	4 38	16 7	5 57	4 5	4 26	
311	7	S	D. of Cumber. b. 1745	7 22	4 37	16 4	6 41	4 47	5 5	
312	8	D	21 Sun. aft. Trin. Prs.	7 24	4 35	15 59	7 38	5 24	5 45	Cold rain
313	9	M	[Aug. Soph. b. 1768	7 26	4 33	15 54	8 49	6 6	6 29	☌ ☉ ♄
314	10	T		7 28	4 31	15 47	10 5	6 53	7 19	or snow
315	11	W	St. Martin B. & C.	7 29	4 30	15 39	11 24	7 46	8 15	now about.
316	12	T		7 31	4 29	15 31	Morn	8 45	9 17	
317	13	F	Camb. T. div. Britius	7 32	4 27	15 23	0 42	9 49	10 21	Windy
318	14	S		7 34	4 25	15 13	1 58	10 50	11 19	✶ ☉ 24
319	15	D	22 Sunday aft. Trin.	7 36	4 23	15 3	3 11	11 49		☌ ♄ ☿
320	16	M		7 37	4 22	14 52	4 22	0 19	0 50	cloudy &
321	17	T	Hugh Bp. of Lincoln	7 38	4 21	14 40	5 34	1 16	1 43	cold.
322	18	W		7 40	4 19	14 27	6 43	2 7	2 32	✶ 24 ☿
323	19	T		7 42	4 18	14 13	sets.	2 55	3 18	Frosty
324	20	F	Edmund K. and M.	7 44	4 16	14 0	5 N 6	3 38	3 58	☌ ☉ ☿
325	21	S		7 45	4 15	13 44	5 41	4 15	4 33	morn-
326	22	D	23 Sun. aft. Trin. Old	7 46	4 14	13 27	6 25	4 49	5 6	ings. Now rain
327	23	M	Clement. [Mart. D.	7 48	4 12	13 10	7 19	5 21	5 36	✶ ♂ ☿
328	24	T		7 49	4 11	12 52	8 21	5 51	6 7	or fleet.
329	25	W	D. of Gloc. born 1743	7 50	4 10	12 33	9 27	6 25	6 43	
330	26	T	Baliol Col. Election	7 51	4 9	12 14	10 38	7 4	7 26	
331	27	F		7 52	4 8	11 54	11 51	7 52	8 18	Dark
332	28	S	Mich. Term ends	7 53	4 7	11 33	Morn	8 43	9 9	
333	29	D	Advent Sunday	7 54	4 6	11 12	1 6	9 40	10 12	gloomy
334	30	M	St. Andrew	7 55	4 5	10 50	2 24	10 44	11 17	weather.

D.	Days decreas.	Length of Day.	Day breaks	Twilig. ends.	7 Stars South.	Mercu. rises.	Venus sets.	Mars rises.	Jupiter rises.	Saturn sets.
1	6 59	9 34	5 17	6 43	1 M 9	6 M 1	6 N 43	2 M 29	2 M 31	5 N 18
7	7 21	9 14	5 25	6 35	0 45	6 34	6 44	3 25	2 12	4 55
13	7 39	8 54	5 34	6 26	0 21	7 9	6 44	2 21	1 53	rises.
19	7 58	8 36	5 41	6 19	11 N 56	sets.	6 44	2 16	1 34	6 M 46
25	8 14	8 20	5 48	6 12	11 32	4 N 11	6 44	2 11	1 15	6 25

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Th.	Bar.	Wind		Weath.
46	29,7	S	2	Rain
47	—,6	C		Clear
44	—,9	——		*Fog*
50	—,95	SW		Cloudy
57	—,9	——	1	Clear
50	——	C		——
——	—,8	——		*Fog*
48	——	——		Clear
52	—,7	——		Cloudy
54	—,75	——		——
51	—,6	S	1	Rain
——	—,85	SW		Clear
55	—,9	S	1	Cloudy
59	30,	——		——
——	——	——		——
59	29,6	SW	2	——
49	—,55	NW	2	Clear
48	—,6	SW	2	Cloudy
51	—,4	——		Rain
49	—,2	W	4	Squally
43	—,5	NW	3	Hail
43	29,7	W	1	Rain
45	—,15	SE	1	*Rain*
41	—,6	N	3	Snow
39	30,	——	1	Clear
33	—,1	SE	1	——
35	29,85	——		Cloudy
36	—,4	——	2	——
45	—,05	——		——
——	—,25	C		——

Depth of Rain fell this Month 2,445 Inches.

OBSERVATIONS.

20th, Blew very hard all Night. 24, First Snow. 25, Th. 25 at 10 P.M. 26, Th. 22 at 7 A. M. Ice Half an Inch thick.

1778. **DECEMBER hath xxxi Days.**

Full Moon the 4th
Last Quarter the 10th
New Moon the 18th
First Quarter the 26th
} Day at { Half past 5 Morning. 48 min. past 9 at Night. 4 min. past 10 at Night. 10 min. past 11 at Night.

Sun enters Capricorn 21st Day, 5 min. past 4 Afternoon.

Y. D.	M D.	W D.	Sundays, Holidays, &c.	Sun rises.	Sun sets.	Clock af. Sun	Moon sets.	H.W. Lon.B. Morn.	H.W. Lon.B. Aftern.	Asp. & weath.
335	1	T		7 57	4 3	10′27″	3 M46	11 52		Frosty,
336	2	W		7 58	4 2	10 4	5 10	0 27	1 4	✱ ♄ ♀
337	3	T		7 59	4 1	9 41	6 37	1 41	2 12	fair and
338	4	F	Moon eclipsed visible	8 0	4 0	9 16	rises.	2 43	3 14	pleasant.
339	5	S		8 0	4 0	8 51	5N13	3 45	4 9	
340	6	D	2 S. in Adv. Nicholas	8 1	3 59	8 26	6 20	4 33	4 53	
341	7	M		8 2	3 58	8 0	7 36	5 12	5 32	
342	8	T	Concep. of V. Mary	8 3	3 57	7 32	8 59	5 52	6 12	
343	9	W		8 4	3 56	7 5	10 20	6 32	6 54	Windy,
344	10	T		8 5	3 55	6 38	11 37	7 16	7 41	with wet
345	11	F		8 5	3 55	6 11	Morn	8 6	8 30	or sleet of
346	12	S		8 6	3 54	5 43	0 52	8 54	9 22	snow.
347	13	D	3 Sun. in Adv. Lucy	8 6	3 54	5 14	2 5	9 50	10 18	Cold and
348	14	M		8 6	3 54	4 45	3 14	10 47	11 17	cloudy
349	15	T		8 7	3 53	4 16	4 22	11 46		weather.
350	16	W	Emb.W, Cam.T. ends	8 7	3 53	3 46	5 30	0 15	0 44	
351	17	T	Oxford Term ends	8 7	3 53	3 17	6 39	1 14	1 45	Frosty &
352	18	F		8 8	3 52	2 46	sets.	2 11	2 38	□ ☉ 4
353	19	S		8 8	3 52	2 17	4N12	3 2	3 26	more
354	20	D	4 Sund. in Advent.	8 8	3 52	1 47	5 1	3 47	4 8	pleasant
355	21	M	St. Thomas. Shortest D.	8 8	3 52	1 17	6 0	4 25	4 43	
356	22	T		8 8	3 52	0 47	7 6	4 58	5 12	Cold,
357	23	W	Clock with the Sun	8 8	3 52	0 16	8 13	5 26	5 40	✱ ♄ ♀
358	24	T		8 8	3 52	bef. 13	9 24	5 55	6 11	with
359	25	F	Christmas-Day	8 7	3 53	0 43	10 37	6 27	6 44	♂ ♀ ♅
360	26	S	St. Stephen	8 7	3 53	1 13	11 51	7 4	7 25	□ ♂ ♅
361	27	D	S. aft. Christ. St. John	8 7	3 53	1 41	Morn.	7 50	8 15	snow or
362	28	M	Holy Innocents	8 7	3 53	2 11	1 8	8 41	9 8	✱ ♄ ♅
363	29	T	Fox-hunting comes in	8 6	3 54	2 41	2 27	9 43	10 19	□ ♂ ♀
364	33	W		8 5	3 55	3 10	3 50	10 55	11 32	△ 4 ♅
365	31	T	Silvester Bp.	8 4	3 56	3 39	5 16		0 13	rain to
										the end.

D.	Days decreas.	Length of Day.	Day breaks.	Twilig. ends.	7 Stars South.	Mercu. sets.	Venus sets.	Mars rises.	Jupiter rises.	Saturn rises.
1	8 28	8 6	5 54	6 6	11 N 1	4 N13	6 N41	2 M 5	12 N54	6 M 2
7	8 38	7 56	5 57	6 3	10 35	4 21	6 26	1 58	12 30	5 39
13	8 46	7 48	5 59	6 1	10 9	4 35	6 10	1 50	12 6	5 17
19	8 50	7 44	6 1	5 59	9 42	4 52	5 55	1 43	11 42	4 54
25	incr. 2	7 46	6 1	5 59	9 15	5 14	5 39	1 35	11 18	4 31

Meteorological Journal OF THE WEATHER FOR DECEMBER, 1776.

Th.	Bar.	Wind		Weath.
54	29,35	S	4	Squally
50	—,8	SSE	1	Rain
49	——	——		Cloudy
54	—,7	S	1	——
53	—,8	C		——
54	—,7	E		Clear
45	—,8	S		Cloudy
50	——	S3E		Hazy
44	— 9	SE	1	Cloudy
43	30,05	S	1	Cloudy
47	—,2	SW		——
51	——	C		——
49	—,1	——		——
47	——	S		——
40	29,8	SE		——
42	—,5	N	1	Clear
34	—,55	NNW		——
27	—,4	S		——
40	—,2	NW	2	——
38	—,3	S		Cloudy
47	——	SW	1	——
54	—,5	W	3	——
46	—,75	——	1	——
39	—,6	——		——
35	——	NW	3	Clear
36	—,5	V		Sleet
——	—,7	C		Cloudy
33	—,85	NE	1	——
36	—,5	N		Snow
29	—,3	——	2	*Snow*
36	—,6	——	1	Cloudy

Depth of Rain fell this Month 1,55 Inches.

Depth of Rain fell from Aug. 1, 1774, to Aug. 1, 1775, 27,1005 Inches: From Aug. 1, 1775, to Aug. 1, 1776, 29,57 Inches: From Aug. 1, 1776, to Aug. 1, 1777, 32,16 Inches.

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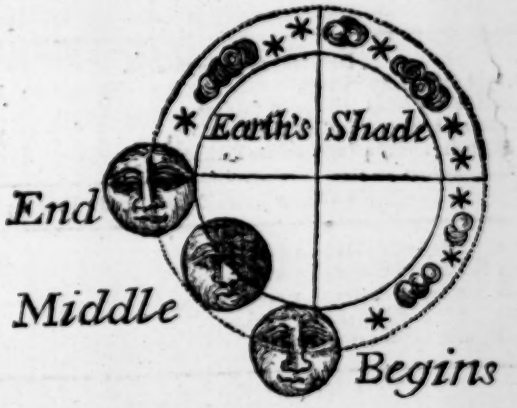
ECLIPSES for the YEAR 1778.



WITHIN the Compaſs of this Year the two bright Lamps of Heaven will be only three Times obſcured from the Sight of the Inhabitants of this Globe, viz. twice the Sun and once the Moon.

The firſt is a viſible Eclipſe of the Sun, on *Mid-ſummer-Day*, *June* the 24th, in the Afternoon. The Penumbra firſt touches the Earth's Diſk, and the Eclipſe firſt begins, as the Sun riſes, in the *Pacific Ocean*, under 7 Deg. of North Latitude, and 107½ Deg. of Weſt Longitude from *London*. The Sun will be centrally and totally eclipſed at his riſing on the ſame Ocean in Lat. 12½ Deg. North, and Long. 24¼ Deg. Weſt. The central Shadow directs its Courſe North Eaſtward 'till it paſſes over *Carolina* and *Virginia*, into the *Atlantic Ocean*, and thence to the South Part of *Newfoundland* Fiſhing-Bank, where in Lat. 41½ Deg. North, and Long. 54 Deg. Weſt, the Sun will appear totally eclipſed at Noon-Day, for the Space of 3 or 4 Minutes. The total Shadow now takes a South Eaſt Courſe, paſſing along the *Atlantic* to the *Azores*, or *Weſtern Iſles*, from thence paſſing over the Remainder of the *Atlantic Ocean*, will enter the Kingdom of *Morocco*, &c. for in Lat. 20½ Deg. North, and Long. 21 Deg. Eaſt, the central Obſcurity ends at Sun-Set; and in Lat. 14½ Deg. North, and Long. 4 Deg. Eaſt, near *Guber*, in *Guinea*, the whole Eclipſe ends, and the Penumbra paſſes off the Earth as the Sun quits their Horizon. At *London* the Eclipſe will begin (according to ſolar Time) at 42 Min. paſt Three in the Afternoon; the Middle is at 35 Min. paſt Four, and the Eclipſe will be over at 26 Min. paſt Five o'Clock. The Sun will be half covered to the left Hand, on his lower Limb; or 6 Digits 8 Min.

The ſecond is an Eclipſe of the Moon, and viſible, on the 4th of *December*. The Eclipſe begins (under the Meridian of *London*) at 25 Min. paſt Four in the Morning; the Middle is at 37 Min paſt Five, and the End will be at 49 Min. paſt Six o'Clock, according to Solar Time. The Moon will have about half of her Diſk immerged in the Shadow of the Earth, at the Middle of the Eclipſe; or 6 Digits 13 Min.

The third and laſt is a Solar Eclipſe, upon the 18th of *December*, at our Ten o'Clock at Night, therefore inviſible. The Sun will be centrally eclipſed at Noon, in 66½ Deg. of South Latitude, and about 151 Deg. Weſt Long. from *London*.

HOLIDAYS kept at the EXCHEQUER, BANK, STAMP-OFFICE, EXCISE-OFFICE, CUSTOM-HOUSE, EAST-INDIA and SOUTH-SEA-HOUSES, in 1778, viz.

January 1, 6, 19, 30.
February 2, (14 India Houſe only) 24.
March 3, 4, 25.
April 17, 20, 21, 22, 23, 25.
May 1, 28, 29.
June 4, 8, 9, (10 India and S. Sea Houſes only) 11, 24, 29.
July (15 India Houſe only) 25.
Auguſt 1*, 12, 24.
September 2*, (18 Stamp Office, India Houſe, and Cuſtom Houſe only) 21, 22, 29.
October 26, (except Stamp Of.) 28*.
November (2 India-Houſe only) 4, 5, 9, (30 not kept at S. Sea-Houſe.)
December 21, 25, 26, 28.

* Thoſe Days are not kept at the Cuſtom-Houſe.

A Table of Terms and their Returns, 1778.

Hilary-Term begins Jan. 23, ends Feb. 12; hath 4 Returns.

Returns or Essoign-days.		Exc.	R. b.	Ap.	W. D.
In eight days of St. Hilary,	Jan. 20	21	22	23	Friday
From the day of St. Hilary in 15 days,	27	28	29	30	Friday
On the morrow of Purif. of the Bl. Mary,	Feb. 3	4	5	6	Friday
In eight days of the Purif. of the Blessed Mary,	9	10	11	12	Thurs.

Easter-Term begins May 6, ends June 1; hath 5 Returns.

From the day of Easter in 15 days,	May 3	4	5	6	Wedn.
From the day of Easter in 3 weeks,	10	11	12	13	Wedn.
From the day of Easter in 1 month,	17	18	19	20	Wedn.
From the day of Easter in 5 weeks,	24	25	26	27	Wedn.
On the morrow of the Ascension,	29	30	31	J. 1	Mond.

Trinity-Term begins June 19, ends July 8; hath 4 Returns.

On the morrow of the holy Trinity,	June 15	16	17	19	Friday
In 8 days of the holy Trinity,	21	22	23	24	Wedn.
In 15 Days of the Holy Trinity,	28	29	30	J. 1	Wedn.
In 3 weeks, of the Holy Trinity,	July 5	6	7	8	Wedn.

Michaelmas-Term begins Nov. 6, ends Nov. 28; hath 4 Returns.

On the morrow of all Souls,	Nov. 3	4	5	6	Friday.
On the morrow of St. Martin,	12	13	14	16	Mond.
In 8 days of St. Martin,	18	19	20	21	Saturd.
In 15 days of St. Martin,	25	26	27	28	Saturd.

N. B. No Sittings in Westminster-Hall on Ascension-day, Midsummer day, and the 2d of February.

The Exchequer opens eight days before any Term begins, except Trinity, before which it opens but four days.

Note, That the first and last Days of every Term are the first and last Days of Appearance.

Oxford Terms.

Lent-Term begins January 14, and ends April 11.
Easter-Term begins April 29, and ends June 4.
Trinity-Term begins June 17, and ends July 18.
Michaelmas-Term begins October 10, and ends December 17.
The Act will be July 13.

Cambridge Terms.

Lent-Term begins January 13, and ends April 10.
Easter-Term begins April 29, and ends July 10.
Michaelmas-Term begins October 10, and ends December 16.
The Commencement will be July 7.

The Time of High Water at London-Bridge, may serve the following Places, by adding,

	h.	m.
For Bridge-Water	5	10
Briſtol Key	4	15
Dartmouth	4	0
Edinburgh & the Humber	2	0
Exmouth	3	50
Falmouth	3	0
Hartlepool	0	30
Hull and Harborough	3	30
Lime	4	30
Loo	3	10
Lynn, Norfolk,	3	30
Newcaſtle	0	45
Plymouth	3	30
Portland & Hartſleur	5	50
Scilly	1	15
Tinmouth Haven	0	30
Topſham	3	30
Waſh, Lincolnſhire,	4	0
Weymouth	4	30

SUBTRACT,

	h.	m.
For Berwick	0	51
Dover	3	0
Downs	1	15
Graveſend	1	0
Gunfleet	4	0
Harwich	3	30
St. Helens		30
Leigh		5
Portſmouth & Red-Sand		
Rocheſter	1	45
Spithead	3	0
Yarmouth Pier	4	30

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These Tables applied to the
year 1763.

Table 1763

I. 4) 17. 63
1. 63 E. Dom: Letter

IV. 7) 17. 63
3. 63 28. Cycle of the Sun

VI. 17. 63 17. } Cycle of the Moon
or Golden number

VIII. 3) 17. 63
2. 63 1. Roman Indiction

X. 17. 8 }
XII 8. 17 } 26. Epact

XIII Oct. 26 Red Column 25 new Moon. 9h
26. 11. 11 10 Full Moon

XIV. } 26 Ap. 17
XV. } E. Ap. 20 Easter Day
XVII } Ap. 20, all the Moveable Feasts for 1763.

XVI } 26. E
XVII } 30. Easter Day, moveable Feasts for 1763

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Computation of Years

From		To	
1067	——	1587	Grafton's Chronicle
1572	——	1602.	
1603	——	1641	Tables of the Moveable Feasts from Prayer Books.
1627	——	1666	
1648	——	1685	
1661	——	1700	
1700	——	1739	
1727	——	1766	
1732	——	1804	

An Almanacke for xxxix. yeeres.

The yeere of our Lord.	The Golden number.	Dominicall letter.	Septuagesima.	The first day of Lent.	Easter day.	Rogation weeke.	Ascension day.	Whitsunday.	Aduent Sunday.
24 Mar. 1603	viii	B	20. Febru.	9. March	24. April	30. Maii	2. Iunii	12. Iune	27. Nou.
1604	ix	A G	5.	22. Febru.	8.	xiiii	17. Maii	27. Maii	2. Decem.
1605	x	F	27. Ianu.	13.	31. March	vi	ix	xix	i
1606	xi	E	16. Febr.	5. March	20. April	xxvi	xxix	8. Iune	30. Nou.
1607	xii	D	1. Febru.	18. Febru.	5.	xi	xiiii	24. Maii	xxix
1608	xiii	C B	24. Ianu.	10.	27. March	ii	v	xv	xxvii
1609	xiiii	A	12. Febru.	1. March	16. April	xxii	xxv	4. Iune	3. Decem.
1610	xv	G	4.	21. Febru.	8.	xiiii	xvii	27. Maii	ii
1611	xvi	F	20. Ianu.	6.	24. March	29. April	ii	xii	i
1612	xvii	E D	9. Febru.	25.	12. April	18. Maii	xxi	xxxi	29. Nou.
1613	xviii	C	31. Ianu.	17.	4.	x	xiii	xxiii	xxviii
1614	xix	B	20. Febru.	9. March	24.	xxx	2. Iunii	12. Iune	xxvii
1615	i	A	5.	22. Febru.	9.	xv	18. Maii	28. Maii	3. Decem.
1616	ii	G F	28. Ianu.	14.	31. March	vi	ix	xix	i
1617	iii	E	16. Febr.	7. March	20. April	xxvi	xxix	3. Iune	30. Nou.
1618	iiii	D	1.	18. Febru.	5.	xi	xiiii	24. Maii	xxix
1619	v	C	24. Ianu.	10.	28. March	iii	vi	xvi	xxviii
1620	vi	B A	13. Febr.	1. March	16. April	xxii	xxv	4. Iune	3. Decem.
1621	vii	G	28. Ianu.	14. Febru.	1.	viii	x	20. Maii	ii
1622	viii	F E	17. Febr.	6. March	21.	xxvii	xxx	9. Iune	i
1623	ix	D	9. Febr.	16. Febru.	13.	xix	xxii	i	30. Nou.
27 mar. 1624	x	C	25. Ianu.	11.	28. March	iii. Maii	vi	16. Maii	xxviii
1625	xi	B	13. Febru.	2. March	17. April	xxiii	xxvi	5. Iune	xxvii
1626	xii	A	5.	22. Febru.	9.	xv	xviii	28. Maii	3. Decem.
1627	xiii	G	21. Ianu.	7.	25. March	30. April	iii	xiii	ii
1628	xiiii	F E	10. Febru.	27.	13. April	19. Maii	xxii	1. Iune	30. Nou.
1629	xv	D	1.	18.	5.	xi	xi ii	24. Maii	xxix
1630	xvi	C	24. Ianu.	10.	28. March	iii	vi	xvi	xxviii
1631	xvii	B	6. Febru.	23.	10. April	xvi	xix	xxix	xxvii
1632	xviii	A G	29. Ianu.	20.	1.	viii	x	xx	2. Decem.
1633	ix	F	17. Febru.	6. March	21. April	xxvii	xxx	9. Iune	i
1634	i	E	2. Febru.	19. Febru.	6.	xii	xv	xxv	30. Nou.
1635	ii	D	25. Ianu.	11. Febru.	March 25	iiii	viii	17. Maii	xxix
1636	iii	C B	14. Febru.	2. March	April. 17.	xviii	xxvi	5. Iune	xxvii
1637	iiii	A	5.	22. Febru.	9.	xv	xviii	28. Maii	3. Decem.
1638	v	G	21. Ianu.	7.	25. March	30. April	iii	xiii	ii
1639	vi	F	10. Febru.	27.	13. April	20. Maii	xxii	1. Iune	i
1640	vii	E D	2.	19.	5.	xi	xiii	24. Maii	29. Nou.
1641	viii	C	21. Ianu.	10. March	25.	xxxi	3. Iune	13. Iune	xxviii

Note that the suppucation of the yeere of our Lord in the Church of England, beginneth the xxv. day of March, the same day supposed to be the first day vpon which the world was created, and the day when Christ was conceiued in the wombe of the Virgine Mary.

A

An Almanacke for xl. yeeres.

The yeere of our Lord.	The golden number.	Dominicall letter.	Shrous Sunday.	Easter day.	Rogation Sunday.	Whitsonday.	Advent Sunday.
1627	13	G	4. Feb.	25. Mar.	29. Aprill	13. May	2. Dec.
1628	14	F E	24	13. Aprill	18. May	1. June	30. Nov.
1629	15	D	15	5	10	24. May	29
1630	16		7	28. Mar.	2	16	28
1631	17	C	20	10. Aprill	15	29	27
1632	18	B	12	1	6	20	2. Dec.
1633	19	A	3. Mar.	21	26	9. June	1
1634	1	G	16. Feb.	6	11	25. May	30. Nov.
1635	2		8	29. Mar.	3	17	29
1636	3	F E	28	17. Aprill	22	5. June	27
1637	4	D	19	9	14	28. May	3. Dec.
1638	5		4	25. Mar.	29. Aprill	13	2
1639	6	C	24	14. Aprill	19. May	2. June	1
1640	7	B	16	5	10	24. May	29. Nov.
1641	8	A	7. Mar.	25	30	13. June	28
1642	9	G	20. Feb.	10	15	29. May	27
1643	10	F	12	2	7	21	3. Dec.
1644	11	E	3. Mar.	21	26	9. June	1
1645	12	D	16. Feb.	6	11	25. May	30. Nov.
1646	13	C	8	29. Mar	3	17	29
1647	14	B	28	18. Aprill	23	6. June	28
1648	15	A	13	2	7	21. May	3. Dec.
1649	16	G	4	25. Mar.	29. Aprill	13	2
1650	17	F	24	14. Aprill	19. May	2. June	1
1651	18	E	9	30. Mar.	4	18. May	29. Nov.
1652	19	D	28	18. Aprill	23	6. June	28
1653	1	C	20	10	15	29. May	27
1654	2	B	5	26. Mar.	30. Aprill	14	3. Dec.
1655	3	A	25	15. Aprill	20. May	3. June	2
1656	4	G	17	6	11	25. May	30. Nov.
1657	5	F E	8	29. Mar.	3	17	29
1658	6	D	21	11. Aprill	16	30	28
1659	7	C	13	3	8	22	27
1660	8	B	4. Mar.	22	27	10. June	2. Dec.
1661	9	A	24. Feb.	14	19	2	1
1662	10	G	9	30. Mar.	4	18. May	30. Nov.
1663	11	F	1. Mar.	19. Aprill	24	7. June	29
1664	12	E	21. Feb.	10	15	29. May	27
1665	13	D C	5	26. Mar.	30. Aprill	14	3. Dec.
1666	14	B	25	5. Aprill.	20. May	3. June	2

30 Jan. 1 C II.

O.C. P

20 mar. Restoration 12 C. II.

The Golden number.

Note that the supputation of the yeere of our Lord in the Church of England, beginneth the 25th. day of March, the same day supposed to be the first day upon which the world was created, and the day when Christ was conceiued in the wombe of the Virgine Mary.

B

¶ An Almanack for xxxviii. years.

The year of our LORD.	The Golden number.	Dominical Letter.	Septuagesima.	The first day of Lent.	Easter day.	Rogation Sunday.	Ascension day.	Whitsunday.	Advent Sunday.
1648	15	B A	30 Janu.	16 Febr.	2 April	7 May	11 May	21 May	3 Dece.
1649	16	G F	21	7	25 Mar.	29 April	3	13	2
1650	17	E D	10 Febr.	27 Febr.	14 April.	19 May	23	2 June	1
1651	18	C B	26 Janu.	12	30 Mar.	4	8	18 May	30 Nov.
1652	19	A G	15 Febr.	3 Mar.	18 April.	23	27	6 June	28
1653	1	F E	6	24 Febr.	10	15	19	29 May	27
1654	2	D C	22 Janu.	8	26 Mar.	30 April	4	14	3 Dece.
1655	3	B A	11 Febr.	28	15 April.	20 May	24	3 June	2
1656	4	G F	3	20	6	11	15	25 May	30 Nov.
1657	5	E D	25 Janu.	11	29 Mar.	3	7	17	29
1658	6	C B	7 Febr.	24	11 April.	16	20	30	28
1659	7	A G	31 Janu.	16	3	8	12	22	27
1660	8	F E	19 Febr.	7 Mar.	22	27	31	10 June	2 Dece.
1661	9	D C	10.	27 Febr.	14	19	23	2	1
1662	10	B A	26 Janu.	12	30 Mar.	4	8	18 May	30 Nov.
1663	11	G F	15 Febr.	4 Mar.	19 April.	24	28	7 June	29
1664	12	E D	7	24 Febr.	10	15	19	29 May	27
1665	13	C B	22 Janu.	8	26 Mar.	30 April	4	14	3 Dece.
1666	14	A G	11 Febr.	28	15 April.	20 May	24	3 June	2
1667	15	F E	3	20	7	12	16	26 May	1
1668	16	D C	19 Janu.	5	22 Mar.	26 April	30 April	10	29 Nov.
1669	17	B A	7 Febr.	24	11 April	16 May	20 May	30	28
1670	18	G F	30 Janu.	16	3	8	12	22	27
1671	19	E D	19 Febr.	8 Mar.	23	28	1 June	11 June	3 Dece.
1672	1	C B	4.	21 Febr.	7	12	16 May	26 May	1
1673	2	A G	26 Janu.	12	30 Mar.	4	8	18	30 Nov.
1674	3	F E	15 Febr.	4 Mar.	19 April.	24	28	7 June	29
1675	4	D C	31 Janu.	17 Febr.	4	9	13	23 May	28
1676	5	B A	23	9	26 Mar.	30 April	4	14	3 Dece.
1577	6	G F	11 Febr.	28	15 April.	20 May	24	3 June	2
1678	7	E D	27 Janu.	13	31 Mar.	5	9	19 May	1
1679	8	C B	16 Febr.	5 Mar.	20 April.	25	29	8 June	30 Nov.
1680	9	A G	8	25 Febr.	11	16	20	30 May	28
1681	10	F E	30 Janu.	16	3	8	12	22	27
1682	11	D C	12 Febr.	1 Mar.	16	21	25	4 June	3 Dece.
1683	12	B A	4	21 Febr.	8	13	17	27 May	2
1684	13	G F	27 Janu.	13	30 Mar.	4	8	18	30 Nov.
1685	14	E D	15 Febr.	4 Mar.	19 April.	24	28	7 June	29.

30 Jan. 16 11. — Restoration. — 6 Feb. 19 11.

¶ The Golden Number.

¶ Note that the supputation of the year of our Lord in the Church of England, beginneth the xxv. day of March, the same day supposed to be the first day upon which the World was created, and the day when Christ was conceived in the womb of the Virgin Mary.

A Table of the Moveable Feasts calculated for Forty years.

The year of our LORD.	The Golden number.	The Epact.	Dominical Letter.	Sundays after Epiphany.	Septuagesima Sunday.	The first day of Lent.	Easter day.	Rogation Sunday.	Ascension day.	Whitsun-day	Sundays after Trinity	Advent Sun-days.
1661	9	9	F	4	Feb. 10	Feb. 20	Apr. 14	May 19	May 23	June 2	24	Dec. 1
1662	10	20	E	2	Jan. 26	12	Mar. 30	4	7	May 28	26	No. 30
1663	11	1	D	5	Feb. 15	Mar. 4	Apr. 19	28	31	June 7	23	29
1664	12	12	C	B	4	7	Feb. 24	10	15	19	May 29	24	27
1665	13	23	A	G	2	Jan. 22	8	Mar. 26	Apr. 30	4	14	27	Dec. 3
1666	14	4	G	F	5	Feb. 11	28	Apr. 15	May 20	24	June 3	24	2
1667	15	15	F	E	1	3	20	9	12	16	May 26	25	3
1668	16	26	E	D	1	Jan. 19	5	Mar. 22	Apr. 26	Apr. 30	10	27	No. 30
1669	17	7	C		4	Feb. 7	24	Apr. 11	May 16	May 20	30	24	28
1670	18	18	B		3	Jan. 30	16	3	5	13	22	23	27
1671	19	29	A		6	Feb. 19	Mar. 8	23	27	June 1	June 11	23	Dec. 3
1672	1	11	G	F	4	4	Feb. 13	7	12	May 16	May 25	25	3
1673	2	22	E		2	Jan. 26	12	Mar. 30	4	8	18	26	No. 30
1674	3	3	E	D	5	Feb. 15	Mar. 4	Apr. 19	24	28	June 7	23	29
1675	4	14	D	C	3	Jan. 31	Feb. 17	4	9	13	May 23	30	28
1676	5	25	B	A	2	23	9	Mar. 26	Apr. 30	4	14	27	Dec. 3
1677	6	6	G	F	5	Feb. 11	28	Apr. 15	May 20	24	June 3	24	2
1678	7	17	F		2	Jan. 27	13	Mar. 31	5	9	May 19	26	3
1679	8	28	E	D	5	Feb. 18	Mar. 5	Apr. 20	25	29	June 8	23	No. 30
1680	9	9	D	C	4	8	Feb. 21	11	16	20	May 30	24	28
1681	10	20	B		3	Jan. 30	16	3	8	12	22	25	27
1682	11	1	A		5	Feb. 12	Mar. 1	16	21	25	June 4	24	Dec. 3
1683	12	12	G	F	4	4	Feb. 21	8	13	17	May 27	26	3
1684	13	23	F	E	2	Jan. 27	13	Mar. 30	4	8	18	26	No. 30
1685	14	4	D		5	Feb. 24	Mar. 4	Apr. 19	24	28	June 7	23	29
1686	15	15	C		3	Jan. 31	Feb. 17	4	9	13	May 23	25	28
1687	16	26	B		2	23	9	Mar. 27	1	5	15	28	27
1688	17	7	A	G	5	Feb. 15	Mar. 1	Apr. 15	20	24	June 3	24	Dec. 3
1689	18	18	F	E	2	Jan. 27	Feb. 13	Mar. 31	5	9	May 19	26	1
1690	19	29	E	D	5	Feb. 16	Mar. 5	Apr. 20	25	29	June 8	23	No. 30
1691	1	11	D		4	8	Feb. 25	12	17	21	May 31	24	29
1692	2	22	C	B	2	Jan. 24	10	Mar. 27	1	5	15	28	27
1693	3	3	A		5	Feb. 12	Mar. 1	Apr. 16	21	25	June 4	24	Dec. 3
1694	4	14	G	F	4	4	Feb. 21	8	13	17	May 27	26	3
1695	5	25	F		1	Jan. 20	6	Mar. 24	Apr. 28	2	12	27	3
1696	6	6	E	D	4	Feb. 9	26	Apr. 12	May 17	27	31	24	No. 29
1697	7	17	C		3	Jan. 31	7	14	9	13	23	25	28
1698	8	28	B		6	Feb. 20	Mar. 9	24	29	June 2	June 12	23	27
1699	9	9	A		4	5	Feb. 22	9	14	May 18	May 28	25	Dec. 3
1700	10	20	G	F	2	Jan. 26	12	Mar. 31	4	8	18	26	1

6 Feb. 1 9. 11.

13 Feb. 1 W. & M.

29 Dec. 6 W. ...

Note that the Supputation of the Year of our Lord in the Church of England, beginneth the Five and twentieth day of March.

A TABLE of the Moveable Feasts Calculated for Forty Years.

The Year of our Lord.	The Golden Number.	The Epact.	Dominical Letter.	Sundays after Epiphany.	Septuagesima Sunday.	The first day of Lent.	Easter-Day.	Rogation-Sunday.	Ascension-Day.	Whitsun-Day.	Sundays after Trinity.	Advent-Sunday.
1700	10	20	C F	3	Jan. 28	Feb. 14	Mar. 31	May 5	May 9	May 19	26	Dec. 1
1701	11	1	E D	5	Feb. 16	Mar. 5	Apr. 20	25	29	June 8	23	Nov. 30
1702	12	12	C B	3	1	Feb. 18	5	10	14	May 24	25	29
1703	13	23	A G	2	Jan. 24	10	Mar. 28	42	6	16	26	28
1704	14	4	F E	5	Feb. 13	Mar. 1	Apr. 16	21	25	June 4	24	Dec. 3
1705	15	15	D C	4	4	Feb. 21	8	13	17	May 27	25	2
1706	16	26	B A	1	Jan. 20	6	Mar. 24	April 28	2	12	27	1
1707	17	7	G F	4	Feb. 9	26	Apr. 13	May 18	22	June 1	24	Nov. 30
1708	18	18	E D	3	1	18	4	9	13	May 23	25	28
1709	19	29	C B	6	30	Mar. 9	24	29	June 2	June 12	22	27
1710	1	11	A G	4	5	Feb. 22	9	14	May 18	May 28	25	Dec. 3
1711	2	22	F E	3	Jan. 28	14	1	6	10	20	26	2
1712	3	3	D C	5	Feb. 17	Mar. 5	20	25	29	June 8	23	Nov. 30
1713	4	14	B A	3	1	Feb. 18	5	10	14	May 24	25	29
1714	5	25	G F	2	Jan. 24	10	Mar. 28	2	6	16	26	28
1715	6	6	E D	5	Feb. 13	Mar. 2	Apr. 17	22	26	June 5	23	27
1716	7	17	C B	3	Jan. 29	Feb. 15	1	6	10	May 20	26	Dec. 2
1717	8	28	A G	5	Feb. 17	Mar. 6	21	26	30	June 9	23	1
1718	9	9	F E	4	9	Feb. 26	13	18	22	1	24	Nov. 30
1719	10	20	D C	2	Jan. 25	11	Mar. 29	3	7	May 17	26	29
1720	11	1	B A	5	Feb. 14	Mar. 2	Apr. 17	22	26	June 5	23	27
1721	12	12	G F	4	5	Feb. 22	9	14	18	May 28	25	Dec. 3
1722	13	23	E D	2	Jan. 21	7	Mar. 25	April 29	3	13	27	2
1723	14	4	C B	4	Feb. 10	27	Apr. 14	May 19	23	June 2	24	1
1724	15	15	A G	3	2	18	5	10	14	May 24	25	Nov. 29
1725	16	26	F E	2	Jan. 24	10	Mar. 28	2	6	16	26	28
1726	17	7	D C	4	Feb. 6	23	Apr. 10	15	19	29	24	27
1727	18	18	B A	3	Jan. 29	15	2	7	11	21	26	Dec. 3
1728	19	29	G F	6	Feb. 18	Mar. 6	21	26	30	June 9	23	1
1729	1	11	E D	3	2	Feb. 19	6	11	15	May 25	25	Nov. 30
1730	2	22	C B	2	Jan. 25	11	Mar. 29	3	7	17	26	29
1731	3	3	A G	5	Feb. 14	Mar. 3	Apr. 18	23	27	June 6	23	28
1732	4	14	F E	4	6	Feb. 23	9	14	18	May 28	25	Dec. 3
1733	5	25	D C	2	Jan. 21	7	Mar. 25	April 29	3	13	27	2
1734	6	6	B A	4	Feb. 10	27	Apr. 14	May 19	23	June 2	24	1
1735	7	17	G F	3	2	19	6	11	15	May 25	25	Nov. 30
1736	8	28	E D	6	22	Mar. 10	25	30	June 3	June 13	22	28
1737	9	9	C B	4	6	Feb. 23	10	15	May 19	May 25	24	27
1738	10	20	A G	2	Jan. 29	15	2	7	11	21	26	Dec. 3
1739	11	1	F E	6	Feb. 18	Mar. 7	23	27	31	June 10	23	2

8 Mar.] A...

1 Aug.] G I...

11 Jun.] G II...

Note, *That the Supputation of the Year of our Lord in the Church of* England *beginneth the Five and twentieth Day of* March.

A TABLE of the Moveable FEASTS, Calculated for Forty Years.

The Year of our LORD.	Golden Number.	The Epact.	Dominical Letter.	Sundays str Epiph.	Septuagesima Sunday.	The first Day of Lent.	Easter-day.	Rogation Sunday.	Ascension day.	Whitsunday.	Sundays after Trin	Advent Sunday.
1727	18	18	A	2	Jan. 29	Feb. 15	Apr. 2	May 7	Ma 23	May. 22	26	Dec. 3
1728	19	19	G F	6	Feb. 18	Mar. 6	23	28	30	June 9	23	1
1729	1	11	E D	3	2	Feb. 19	6	11	15	May 25	25	Nov. 30
1730	2	22	D	2	Jan. 25	11	Mar. 29	3	7	17	26	29
1731	3	3	C	5	Feb. 14	Mar. 3	Apr. 18	23	27	June 4	23	28
1732	4	14	B A	4	6	Feb. 23	9	14	18	May 28	25	Dec. 3
1733	5	25	G	2	Jan. 21	7	Mar. 25	Apr. 29	3	13	27	2
1734	6	6	F	4	Feb. 10	27	Apr. 14	May 19	23	June 2	24	1
1735	7	17	E	3	2	19	6	11	15	May 25	25	Nov. 30
1736	8	28	D C	6	23	Mar. 10	25	30	June 3	June 13	22	28
1737	9	9	B	4	6	Feb. 23	10	15	May 19	May 29	24	27
1738	10	20	A	2	Jan. 29	15	2	7	11	21	26	Dec. 3
1739	11	1	G	6	Feb. 18	Mar. 7	22	27	31	June 10	23	2
1740	12	12	F E	5	3	Feb. 20	6	11	15	May 25	25	Nov. 30
1741	13	23	D	2	Jan. 25	11	Mar. 29	3	7	17	26	29
1742	14	4	C	5	Feb. 14	Mar. 3	Apr. 18	23	27	June 6	23	28
1743	15	15	B	3	Jan. 30	Feb. 16	3	8	12	May 22	25	27
1744	16	26	A G	2	22	8	Mar. 25	Apr. 29	3	13	27	Dec. 2
1745	17	7	F	4	Feb. 10	27	Apr. 14	May 19	23	June 2	24	1
1746	18	18	E	2	Jan. 26	12	Mar. 30	4	8	May 18	26	Nov. 30
1747	19	29	D	5	Feb. 15	Mar. 4	Apr. 19	24	28	June 7	23	29
1748	1	11	C B	4	7	Feb. 24	10	15	19	May 26	24	27
1749	2	22	A	2	Jan. 22	8	Mar. 26	Apr. 30	4	14	27	Dec. 3
1750	3	3	G	6	Feb. 11	28	Apr. 15	May 20	24	June 3	24	2
1751	4	14	F E	3	3	20	7	12	16	May 26	25	1
1752	5	25	D	2	Jan. 26	12	Mar. 29	3	7	17	26	Nov. 29
1753	6	6	C	4	Feb. 7	24	Apr. 11	26	29	30	24	28
1754	7	17	B	2	Jan. 30	16	3	8	12	22	25	27
1755	8	28	A	6	Feb. 19	Mar. 8	23	28	June 1	June 11	23	Dec. 3
1756	9	9	G F	4	17	Feb. 28	14	19	May 23	2	27	1
1757	10	20	E	2	Jan. 26	12	Mar. 30	4	8	May 18	26	Nov. 30
1758	11	1	D	5	Feb. 15	Mar. 4	Apr. 19	24	28	June 7	23	29
1759	12	12	C	3	7	Feb. 24	11	16	20	May 30	24	28
1760	13	23	B A	2	Jan. 23	9	Mar. 26	Apr. 30	4	14	27	Dec. 3
1761	14	4	G	5	Feb. 12	28	Apr. 15	May 20	24	June 3	24	2
1762	15	15	F	3	3	20	7	11	16	May 26	25	1
1763	16	26	E	1	Jan. 19	5	Mar. 23	Apr. 27	1	11	27	Nov. 30
1764	17	7	D C	4	Feb. 8	25	Apr. 11	May 16	20	30	24	28
1765	18	18	B	2	Jan. 30	16	3	8	12	22	25	27
1766	19	29	A	6	Feb. 19	Mar. 8	23	28	June 1	June 11	23	Dec. 3

11 Jan. 1 G II...

New Style.

25 Oct. 1 G III...

Note, That the Supputation of the Year of our Lord in the Church of *England*, beginneth the Five and twentieth Day of *March*.

A TABLE of the Moveable FEASTS, Calculated for Forty Years.

The Year of our Lord.	Gold. Numb.	The Epact.	Dominical Letter.	Sund. aft. Epi.	Septuagesima Sunday.	The first day of Lent.	Easter-day.	Rogation Sunday.	Ascension day.	Whitsunday.	Sund. aft. Trin.	Advent Sunday.
1745	17	7	F	1	Feb. 10	Feb. 27	Apr. 14	May 19	May 23	June 3	24	Dec. 1
1746	18	18	E	2	Jan. 26	12	Mar. 30	4	8	May 18	20	Nov. 30
1747	19	29	D	3	Feb. 15	Mar. 4	Apr. 19	24	28	June 7	23	29
1748	1	11	C	B 4	7	Feb. 24	10	15	19	May 29	24	27
1749	2	22	A	1	Jan. 22	8	Mar. 26	Apr. 30	4	14	27	Dec. 3
1750	3	3	G	2	Feb. 11	28	Apr. 15	May 20	24	June 3	24	2
1751	4	14	F	3	3	20	7	12	16	May 26	25	1
1752	5	25	E	D 2	Jan. 26	12	Mar. 29	3	7	17	28	Nov. 26
1753	6	6	C	4	Feb. 7	21	Apr. 11	16	20	30	24	28
1754	7	17	B	5	Jan. 30	16	3	8	12	22	25	27
1755	8	28	A	6	Feb. 19	Mar. 8	23	28	June 1	June 11	23	Dec. 3
1756	9	9	G	F 7	23	Feb. 28	19	19	May 23	2	24	1
1757	10	20	E	1	Jan. 23	12	Mar. 30	4	8	May 18	20	Nov. 30
1758	11	1	D	2	Feb. 15	Mar. 4	Apr. 19	24	28	June 7	23	29
1759	12	12	C	4	7	Feb. 24	11	16	20	May 30	24	28
1760	13	23	B	A 2	Jan. 23	9	Mar. 26	Apr. 30	4	14	27	Dec. 3
1761	14	4	G	3	Feb. 11	28	Apr. 15	May 20	24	June 3	24	2
1762	15	15	F	4	9	20	7	12	16	May 26	25	1
1763	16	26	E	1	Jan. 19	5	Mar. 23	Apr. 27	1	11	27	Nov. 30
1764	17	7	D	C 4	Feb. 8	25	Apr. 11	May 16	20	30	24	28
1765	18	18	B	5	Jan. 30	16	3	8	12	22	25	27
1766	19	29	A	6	Feb. 19	Mar. 8	23	28	June 1	June 11	23	Dec. 3
1767	1	11	G	4	4	Feb. 21	8	13	May 17	May 27	25	2
1768	2	22	F	E 1	Jan. 27	13	Mar. 30	4	8	18	26	Nov. 30
1769	3	3	D	2	Feb. 15	Mar. 4	Apr. 19	24	28	June 7	23	29
1770	4	14	C	3	Jan. 31	Feb. 17	4	9	13	May 23	25	28
1771	5	25	B	4	23	9	Mar. 27	1	5	15	26	27
1772	6	6	A	G 5	Feb. 12	25	Apr. 11	20	24	June 3	24	Dec. 2
1773	7	17	F	1	Jan. 27	13	Mar. 31	5	9	May 19	26	1
1774	8	28	E	2	Feb. 16	Mar. 5	Apr. 20	25	29	June 8	27	Nov. 30
1775	9	9	D	3	9	Feb. 25	12	17	21	May 31	28	29
1776	10	20	C	E 4	Jan. 31	17	3	8	12	22	25	27
1777	11	1	A	1	Feb. 12	Mar. 1	16	21	25	June 4	24	Dec. 3
1778	12	12	G	2	1	Feb. 21	8	13	17	May 27	25	2
1779	13	23	F	3	Jan. 27	13	Mar. 31	5	9	19	26	1
1780	14	4	E	D 5	Feb. 16	Mar. 4	Apr. 19	24	28	June 7	23	Nov. 30
1781	15	15	C	1	Jan. 31	Feb. 17	4	9	13	May 23	25	28
1782	16	25	B	2	23	9	Mar. 27	1	25	15	26	27
1783	17	7	A	3	Feb. 12	Mar. 1	Apr. 16	21	25	June 4	24	Dec. 3
1784	18	18	G	F 4	Jan. 25	Feb. 14	Mar. 31	5	29	May 19	26	1

25 Oct. 1 Geo. II.

Note, That the Supputation of the Year of our Lord in the Church of *England*, beginneth the Five and twentieth Day of *March*.

New Stile.

11 Jan. 26 G II.

25 Oct. 1 G III.

A TABLE of the Moveable Feasts for Fifty-two Years, according to the foregoing Calendar.

The Year of our Lord.	Gold. Number.	The Epact.	Sunday-Letter.	Sund. aft. Epiph.	Septuagesima Sunday.	The First Day of Lent.	Easter-Day.	Rogation-Sunday.	Ascension-day.	Whit-sunday.	Sund. aft. Trin.	Advent Sunday.
1752	5	29	BA	2	Jan. 26	Feb. 12	Mar. 29	May 3	May 7	May 17	25	Dec. 3
1753	6	25	G	6	Feb. 18	Mar. 7	Apr. 22	May 27	May 31	June 10	23	— 2
1754	7	6	FE	4	— 10	Feb. 27	— 14	— 19	— 23	— 2	24	— 1
1755	8	17	D	2	Jan. 26	— 12	Mar. 30	— 4	— 8	May 18	26	Nov. 30
1756	9	28	DC	5	Feb. 15	Mar. 3	Apr. 18	— 23	— 27	June 6	23	— 28
1757	10	9	B	4	— 6	Feb. 23	— 10	— 15	— 19	May 29	24	— 27
1758	11	20	A	2	Jan. 22	— 8	Mar. 26	Apr. 30	— 4	— 14	27	Dec. 3
1759	12	1	G	5	Feb. 11	— 28	Apr. 15	May 20	— 24	June 3	24	— 2
1760	13	12	FE	3	— 3	— 20	— 6	— 11	— 15	May 25	25	Nov. 30
1761	14	23	DC	1	Jan. 18	— 4	Mar. 22	Apr. 26	Apr. 30	— 10	27	— 29
1762	15	4	B	6	Feb. 7	— 24	Apr. 11	May 16	May 20	— 30	24	— 28
1763	16	15	B	3	Jan. 30	— 16	— 3	— 8	— 12	— 22	25	— 27
1764	17	26	AG	6	Feb. 19	Mar. 7	— 22	— 27	— 31	June 10	23	Dec. 2
1765	18	7	F	3	— 3	Feb. 20	— 7	— 12	— 16	May 26	25	— 1
1766	19	18	ED	1	Jan. 26	— 12	Mar. 30	— 4	— 8	— 18	26	Nov. 30
1767	1	0	D	5	Feb. 15	Mar. 4	Apr. 19	— 24	— 28	June 7	23	— 29
1768	2	11	CB	1	Jan. 31	Feb. 17	— 5	— 8	— 12	May 22	25	— 27
1769	3	22	A	2	— 22	— 8	Mar. 26	Apr. 30	— 4	— 14	27	Dec. 3
1770	4	3	G	6	Feb. 11	— 28	Apr. 15	May 20	— 24	June 3	24	— 2
1771	5	14	F	2	Jan. 27	— 13	Mar. 31	— 5	— 9	May 19	26	— 1
1772	6	25	ED	5	Feb. 16	Mar. 4	Apr. 19	— 24	— 28	June 7	23	Nov. 29
1773	7	6	C	4	— 7	Feb. 24	— 11	— 16	— 20	May 30	24	— 28
1774	8	17	B	3	Jan. 30	— 16	— 1	— 8	— 12	— 22	25	— 27
1775	9	28	A	5	Feb. 12	Mar. 1	— 16	— 21	— 25	June 4	24	Dec. 3
1776	10	9	GF	4	— 4	Feb. 21	— 7	— 12	— 16	May 26	25	— 1
1777	11	20	E	2	Jan. 26	— 12	Mar. 30	— 4	— 8	— 18	26	Nov. 30
1778	12	1	DC	5	Feb. 15	Mar. 4	Apr. 19	— 24	— 28	June 7	23	— 29
1779	13	12	C	3	Jan. 31	Feb. 17	— 4	— 9	— 13	May 23	25	— 28
1780	14	23	BA	1	— 23	— 9	Mar. 26	Apr. 30	— 4	— 14	27	Dec. 3
1781	15	4	G	5	Feb. 11	— 28	Apr. 15	May 20	— 24	June 3	24	— 2
1782	16	15	F	2	Jan. 27	— 13	Mar. 31	— 5	— 9	May 19	26	— 1
1783	17	26	E	5	Feb. 16	Mar. 5	Apr. 20	— 25	— 29	June 8	23	Nov. 30
1784	18	7	DC	4	— 8	Feb. 25	— 11	— 16	— 20	May 30	24	— 28
1785	19	18	B	2	Jan. 23	— 9	Mar. 27	— 1	— 5	— 15	26	— 27
1786	1	0	A	5	Feb. 12	Mar. 1	Apr. 16	— 21	— 25	June 4	24	Dec. 3
1787	2	11	G	4	— 4	Feb. 22	— 8	— 13	— 17	May 27	25	— 2
1788	3	22	FE	1	Jan. 20	— 6	Mar. 23	Apr. 27	— 1	— 11	27	Nov. 30
1789	4	3	D	4	Feb. 8	— 25	Apr. 12	May 17	— 21	— 31	24	— 29
1790	5	14	C	3	Jan. 31	— 17	— 4	— 9	— 13	— 23	25	— 28
1791	6	25	B	6	Feb. 20	Mar. 9	— 24	— 29	June 2	June 12	22	— 27
1792	7	6	AG	4	— 5	Feb. 22	— 8	— 13	May 17	May 27	25	Dec. 2
1793	8	17	F	2	Jan. 27	— 13	Mar. 31	— 5	— 9	— 19	26	— 1
1794	9	28	E	5	Feb. 16	Mar. 5	Apr. 20	— 25	— 29	June 8	23	Nov. 30
1795	10	9	D	3	— 1	Feb. 18	— 5	— 10	— 14	May 24	25	— 29
1796	11	20	CB	1	Jan. 24	— 10	Mar. 27	— 1	— 5	— 15	26	— 27
1797	12	1	A	5	Feb. 12	Mar. 1	Apr. 16	— 21	— 25	June 4	24	Dec. 3
1798	13	12	G	4	— 4	Feb. 22	— 8	— 13	— 17	May 27	25	— 2
1799	14	23	F	1	Jan. 20	— 6	Mar. 24	Apr. 28	— 2	— 12	27	— 1
1800	15	4	ED	4	Feb. 9	— 26	Apr. 13	May 18	— 22	June 1	24	Nov. 30
1801	16	15	C	3	— 1	— 18	— 5	— 10	— 14	May 24	25	— 29
1802	17	26	CB	5	— 14	Mar. 3	— 18	— 23	— 27	June 6	23	— 28
1803	18	7	A	4	— 6	Feb. 23	— 10	— 15	— 19	May 29	24	— 27
1804	19	18	AG	3	Jan. 29	— 15	— 1	— 6	— 10	— 20	26	Dec. 2

A

A TABLE of the MOVEABLE FEASTS, according to the several Days that EASTER can possibly fall upon.

Easter-Day.	Sundays after Epiphany.	Septuagesima Sunday.	The First Day of Lent.	Rogation Sunday.	Ascension-Day.	Whitsunday.	Sundays after Trinity.	Advent-Sunday.
Mar. 22	1	Jan. 18	Feb. 4	Apr. 26	Apr. 30	May 10	27	Nov. 29
23	1	19	5	27	May 1	11	27	30
24	1	20	6	28	2	12	27	Dec. 1
25	2	21	7	29	3	13	27	2
26	2	22	8	30	4	14	27	3
27	2	23	9	May 1	5	15	26	Nov. 27
28	2	24	10	2	6	16	26	28
29	2	25	11	3	7	17	26	29
30	2	26	12	4	8	18	26	30
31	2	27	13	5	9	19	26	Dec. 1
Apr. 1	3	28	14	6	10	20	26	2
2	3	29	15	7	11	21	26	3
3	3	30	16	8	12	22	25	Nov. 27
4	3	31	17	9	13	23	25	28
5	3	Feb. 1	18	10	14	24	25	29
6	3	2	19	11	15	25	25	30
7	3	3	20	12	16	26	25	Dec. 1
8	4	4	21	13	17	27	25	2
9	4	5	22	14	18	28	25	3
10	4	6	23	15	19	29	24	Nov. 27
11	4	7	24	16	20	30	24	28
12	4	8	25	17	21	31	24	29
13	4	9	26	18	22	June 1	24	30
14	4	10	27	19	23	2	24	Dec. 1
15	5	11	28	20	24	3	24	2
16	5	12	Mar. 1	21	25	4	24	3
17	5	13	2	22	26	5	23	Nov. 27
18	5	14	3	23	27	6	23	28
19	5	15	4	24	28	7	23	29
20	5	16	5	25	29	8	23	30
21	5	17	6	26	30	9	23	Dec. 1
22	6	18	7	27	31	10	23	2
23	6	19	8	28	June 1	11	23	3
24	6	20	9	29	2	12	22	Nov. 27
25	6	21	10	30	3	13	22	28

Note, That in a Bissextile or Leap-Year, the Number of Sundays after Epiphany will be the same, as if Easter-Day had fallen one Day latter than it really does. And for the same Reason, one Day must in every Leap-Year be added to the Day of the Month given by the Table for Septuagesima-Sunday: And the like must be done for the First Day of Lent, commonly called Ash-Wednesday, unless the Table gives some Day in the Month of March for it; for in that Case the Day given by the Table is the right Day.

Table to find Easter from the Year 1900 to 2199 inclusive.

Gold. Num.	Days of the Month.	Sund. Lett.
14	March 22	D
3	23	E
	24	F
11	25	G
	26	A
19	27	B
8	28	C
	29	D
16	30	E
5	31	F
	April 1	G
13	2	A
2	3	B
	4	C
10	5	D
	6	E
18	7	F
7	8	G
	9	A
15	10	B
4	11	C
	12	D
12	13	E
1	14	F
	15	G
9	16	A
17	17	B
6	18	C
	19	D
	20	E
	21	F
	22	G
	23	A
	24	B
	25	C

THE Golden Numbers in the foregoing Calendar will point out the Days of the Paschal Full Moons, till the Year of our Lord 1900; at which Time, in order that the Ecclesiastical Full Moons may fall nearly on the same Days with the real Full Moons, the Golden Numbers must be removed to different Days of the Calendar, as is done in the annexed Table, which contains so much of the Calendar then to be used, as is necessary for finding the Paschal Full Moons, and the Feast of Easter, from the Year 1900, to the Year 2199 inclusive. This Table is to be made use of, in all respects, as the First Table before inserted, for finding Easter till the Year 1899.

General

General TABLES for finding the Dominical or Sunday-Letter, and the Places of the Golden Numbers in the Calendar.

TABLE I.

6	5	4	3	2	1	0
B	C	D	E	F	G	A
				1600	1700	1800
1900	2100	2200	2300	2500	2600	2700
2000			2400			2800
2900	3100	3200	3300	3400	3500	3700
		3200			3600	
3800	3900	4100	4200	4300	4500	4600
	4000			4400		
4700	4900	5000	5100	5300	5400	5500
4800			5200			5600
5700	5800	5900	6100	6200	6300	6500
		6000			6400	
6600	6800	6700	6900	7000	7100	7300	7400
					7200		
7500	7700	7800	7900	8100	8200	8300
7600			8000			8400
8500	&c.					

TO find the Dominical or Sunday-Letter for any given Year of our Lord, add to the Year its Fourth Part, omitting Fractions, and also the Number, which in Table I. standeth at the Top of the Column, wherein the Number of Hundreds contained in that given Year is found: Divide the Sum by 7, and if there is no Remainder, then A is the Sunday-Letter; but if any Number remaineth, then the Letter which standeth under that Number at the Top of the Table, is the Sunday-Letter.

TABLE II.

1	2 Years of our Lord.	3	1	2 Years of our Lord.	3
B	1600	0	B	5200	15
	1700	1		5300	16
	1800	1		5400	17
	1900	2		5500	17
B	2000	2	B	5600	17
	2100	2		5700	18
	2200	3		5800	18
	2300	4		5900	19
B	2400	3	B	6000	19
	2500	4		6100	19
	2600	5		6200	20
	2700	5		6300	21
B	2800	5	B	6400	20
	2900	6		6500	21
	3000	6		6600	22
	3100	7		6700	23
B	3200	7	B	6800	22
	3300	7		6900	23
	3400	8		7000	24
	3500	9		7100	24
B	3600	8	B	7200	24
	3700	9		7300	25
	3800	10		7400	25
	3900	10		7500	26
B	4000	10	B	7600	26
	4100	11		7700	26
	4200	12		7800	27
	4300	12		7900	28
B	4400	12	B	8000	27
	4500	13		8100	28
	4600	13		8200	29
	4700	14		8300	29
B	4800	14	B	8400	29
	4900	14		8500	30
	5000	15		&c.	
	5100	16			

TO find the Month and Days of the Month, to which the Golden Numbers ought to be prefixed in the Calendar in any given Year of our Lord, consisting of entire Hundred Years, and in all the intermediate Years, betwixt that and the next Hundredth Year following, look in the second Column of Table II. for the given Year, consisting of entire Hundreds, and note the Number or Cypher which stands against it in the Third Column; then, in Table III. look for the same Number in the Column under any given Golden Number, which when you have found, guide your Eye side-ways to the Left Hand, and in the First Column you will find the Month and Day, to which that Golden Number ought to be prefixed in the Calendar during that Period of One Hundred Years.

The Letter B prefixed to certain Hundredth Years in Table II. denotes those Years which are still to be accounted Bissextile or Leap-Years in the New Calendar; whereas all the other Hundredth Years are to be accounted only common Years.

TABLE

TABLE III.

Paſchal Full Moon.	Sunday Letters.	The GOLDEN NUMBERS.																	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
March 21	C D E F G	8	19	0	11	22	3	14	25	6	17	28	9	20	1	12	23	4	15	26
March 22		9	20	1	12	23	4	15	26	7	18	29	10	21	2	13	24	5	16	27
March 23		10	21	2	13	24	5	16	27	8	19	0	11	22	3	14	25	6	17	28
March 24		11	22	3	14	25	6	17	28	9	20	1	12	23	4	15	26	7	18	29
March 25		12	23	4	15	26	7	18	29	10	21	2	13	24	5	16	27	8	19	0
March 26	A B C D E	13	24	5	16	27	8	19	0	11	22	3	14	25	6	17	28	9	20	1
March 27		14	25	6	17	28	9	20	1	12	23	4	15	26	7	18	29	10	21	2
March 28		15	26	7	18	29	10	21	2	13	24	5	16	27	8	19	0	11	22	3
March 29		16	27	8	19	0	11	22	3	14	25	6	17	28	9	20	1	12	23	4
March 30		17	28	9	20	1	12	23	4	15	26	7	18	29	10	21	2	13	24	5
March 31	F G A B C	18	29	10	21	2	13	24	5	16	27	8	19	0	11	22	3	14	25	6
April 1		19	0	11	22	3	14	25	6	17	28	9	20	1	12	23	4	15	26	7
April 2		20	1	12	23	4	15	26	7	18	29	10	21	2	13	24	5	16	27	8
April 3		21	2	13	24	5	16	27	8	19	0	11	22	3	14	25	6	17	28	9
April 4		22	3	14	25	6	17	28	9	20	1	12	23	4	15	26	7	18	29	10
April 5	D E F G A	23	4	15	26	7	18	29	10	21	2	13	24	5	16	27	8	19	0	11
April 6		24	5	16	27	8	19	0	11	22	3	14	25	6	17	28	9	20	1	12
April 7		25	6	17	28	9	20	1	12	23	4	15	26	7	18	29	10	21	2	13
April 8		26	7	18	29	10	21	2	13	24	5	16	27	8	19	0	11	22	3	14
April 9		27	8	19	0	11	22	3	14	25	6	17	28	9	20	1	12	23	4	15
April 10	B C D E F	28	9	20	1	12	23	4	15	26	7	18	29	10	21	2	13	24	5	16
April 11		29	10	21	2	13	24	5	16	27	8	19	0	11	22	3	14	25	6	17
April 12		0	11	22	3	14	25	6	17	28	9	20	1	12	23	4	15	26	7	18
April 13		1	12	23	4	15	26	7	18	29	10	21	2	13	24	5	16	27	8	19
April 14		2	13	24	5	16	27	8	19	0	11	22	3	14	25	6	17	28	9	20
April 15	G A B C D	3	14	25	6	17	28	9	20	1	12	23	4	15	26	7	18	29	10	21
April 16		4	15	26	7	18	29	10	21	2	13	24	5	16	27	8	19	0	11	22
April 17		5	16	27	8	19	0	11	22	3	14	25	6	17	28	9	20	1	12	23
April 17													7	18	29	10	21	2	13	24
April 18	C	6	17	28	9	20	1	12	23	4	15	26								
April 18	C	7	18	29	10	21	2	13	24	5	16	27	8	19	0	11	22	3	14	25

The Order for Morning and Evening Prayer daily to be ſaid and uſed throughout the Year.

THE Morning and Evening Prayer ſhall be uſed in the accuſtomed place of the Church, Chapel, or Chancel; except it ſhall be otherwiſe determined by the Ordinary of the Place. And the Chancels ſhall remain as they have done in times paſt.

And here is to be noted, That ſuch Ornaments of the Church, and of the Miniſters thereof, at all times of their Miniſtration, ſhall be retained, and be in uſe, as were in this Church of *England* by the Authority of Parliament, in the ſecond Year of the Reign of King *Edward* the Sixth.

A TABLE to find EASTER-DAY from the preſent Time, till the Year 1899 inclusive, according to the foregoing Calendar.

Golden Numb.	Days of the Month.	Sunday Letters.
14	March 21	C
3	—— 22	D
11	—— 23	E
	—— 24	F
	—— 25	G
19	—— 26	A
8	—— 27	B
	—— 28	C
16	—— 29	D
5	—— 30	E
	—— 31	F
13	April 1	G
2	—— 2	A
	—— 3	B
10	—— 4	C
	—— 5	D
18	—— 6	E
7	—— 7	F
	—— 8	G
15	—— 9	A
4	—— 10	B
	—— 11	C
12	—— 12	D
1	—— 13	E
	—— 14	F
9	—— 15	G
	—— 16	A
17	—— 17	B
6	—— 18	C
	—— 19	D
	—— 20	E
	—— 21	F
	—— 22	G
	—— 23	A
	—— 24	B
	—— 25	C

THIS Table contains ſo much of the Calendar as is neceſſary for the determining of Eaſter; to find which, look for the Golden Number of the Year in the Firſt Column of the Table, againſt which ſtands the Day of the Paſchal Full Moon; then look in the Third Column for the Sunday-Letter, next after the Day of the Full Moon, and the Day of the Month ſtanding againſt that Sunday-Letter is Eaſter-Day. If the Full Moon happens upon a Sunday, then (according to the Firſt Rule) the next Sunday after is Eaſter-Day.

To find the Golden Number, or Prime, add one to the Year of our Lord, and then divide by 19; the Remainder, if any, is the Golden Number; but if nothing remaineth, then 19 is the Golden Number.

To find the Dominical or Sunday-Letter, according to the Calendar, until the year 1799 inclusive, add to the Year of our Lord its Fourth Part, omitting Fractions, and alſo the Number 1; divide the Sum by 7; and if there is no Remainder, then A is the Sunday-Letter: But if any Number remaineth, then the Letter ſtanding againſt that Number in the ſmall annexed Table, is the Sunday-Letter.

0	A
1	G
2	F
3	E
4	D
5	C
6	B

For the next century, that is, from the Year 1800 till the Year 1899 inclusive, add to the current Year only its Fourth Part, and then divide by 7, and proceed as in the laſt Rule.

NOTE, That in all Biſſextile or Leap-Years, the Letter found as above will be the Sunday-Letter from the Intercalated Day exclusive, to the End of the Year.

Another TABLE to find EASTER till the Year 1899 inclusive.

Golden Numb.	SUNDAY-LETTERS. A	B	C	D	E	F	G	
I	Apr. 16	17	18	19	20	14	15	TO make uſe of the preceding Table, find the Sunday-Letter for the Year in the Uppermoſt Line, and the Golden Number, or Prime, in the Column of Golden Numbers, and againſt the Prime, in the ſame Line under the Sunday-Letter, you have the Day of the Month on which Eaſter falleth that Year. But Note, That the Name of the Month is ſet on the Left Hand, or juſt with the Figure, and followeth not, as in other Tables, by Deſcent, but Collateral.
II	Apr. 9	3	4	5	6	7	8	
III	Mar. 26	27	28	29	23	24	25	
IV	Apr. 16	17	11	12	13	14	15	
V	Apr. 2	3	4	5	6	Mar 31	Apr. 1	
VI	Apr. 23	24	25	19	20	21	22	
VII	Apr. 9	10	11	12	13	14	8	
VIII	Apr. 2	4	Mar 29	30	31	Apr. 1		
IX	Apr. 16	17	18	19	20	21	22	
X	Apr. 9	10	11	5	6	7	8	
XI	Mar. 26	27	28	29	30	31	25	
XII	Apr. 16	17	18	19	13	14	15	
XIII	Apr. 2	1	4	5	6	7	8	
XIV	Mar. 26	27	28	22	23	24	25	
XV	Apr. 16	10	11	12	13	14	15	
XVI	Apr. 2	3	4	5	Mar 30	31	Apr. 1	
XVII	Apr. 23	24	18	19	20	21	22	
XVIII	Apr. 9	10	11	12	13	7	8	
XIX	Apr. 2	Mar 27	28	29	30	31	Apr. 1	

K

A TABLE

A TABLE *of the Vigils, Feasts, and Days of Abstinence, to be observed in the Year.*

The Evens or Vigils before

- The Nativity of our Lord JESUS CHRIST,
- The Purification of the Blessed Virgin *Mary*.
- The Annunciation of the Blessed Virgin.
- Easter-day.
- Ascension-day.
- Pentecost.
- S. *Matthias*.
- S. *John Baptist*.
- S. *Peter*.
- S. *James*.
- S. *Bartholomew*.
- S. *Matthew*.
- S. *Simon* and S. *Jude*.
- S. *Andrew*.
- S. *Thomas*.
- All Saints.

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Note, *That if any of these Feast-days fall upon a Monday, then the Vigil or Fast-day shall be kept upon the Saturday, and not upon the Sunday next before it.*

Days of Fasting or Abstinence.

I. The Forty Days of Lent.

II. The Ember-days at the Four Seasons, being the Wednesday, Friday, and Saturday, after

1. The First Sunday in Lent.
2. The Feast of Pentecost.
3. *September* 14.
4. *December* 13.

III. The Three Rogation-days, being the Monday, Tuesday, and Wednesday before Holy-Thursday, or the Ascension of our Lord.

IV. All the Fridays in the Year, except *Christmas-day*.

Certain Solemn Days for which particular Services are appointed.

I. The Fifth Day of *November*, being the Day kept in memory of the Papists Conspiracy.

II. The Thirtieth Day of *January*, being the Day kept in memory of the Martyrdom of King *Charles* I.

III. The Twenty-ninth Day of *May*, being the Day kept in memory of the Birth and Return of King *Charles* II.

IV. The Twenty-fifth Day of *October*, being the Day on which his Majesty began his happy Reign.

A TABLE

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